

# GOAT ANTI-LEUCINE-RICH REPEAT KINASE 1 ANTIBODY

SKU: EB08116



## SPECIFICATIONS

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Formulation</b>           | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Unit Size</b>             | 100 µg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Instructions</b>  | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonym / Alias Names</b> | Roco1 RIPK6 KIAA1790 FLJ27465 FLJ23119 leucine-rich repeat kinase 1 LRRK1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Accession ID</b>          | NP_078928.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Blocking Peptide</b>      | EBP08116                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>             | Peptide with sequence C-ELPTEPTDDNP, from the internal region of the protein sequence according to NP_078928.3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Peptide Sequence</b>      | C-ELPTEPTDDNP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Shipping Instructions</b> | Refrigerated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Predicted Species</b>     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Human Gene ID</b>         | 79705                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Mouse Gene ID</b>         | 233328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png</a>                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ELISA Detection Limit</b> | Antibody detection limit dilution 1:32000.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Western Blot</b>          | Western Blot: Preliminary experiments gave an approx 38kDa band in Human Brain (Cerebral Cortex, Frontal Cortex) and Prostate lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 225kDa according to NP_078928.3. The 38kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported? |

**Application  
Type**    Pep-ELISA