



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08116 - Goat Anti-Leucine-rich repeat kinase 1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** LRRK1, leucine-rich repeat kinase 1, FLJ23119, FLJ27465, KIAA1790, RIPK6, Roco1

**Official Symbol:** LRRK1

**Accession Number(s):** NP\_078928.3

**Human GeneID(s):** [79705](#)

**Non-Human GeneID(s):** 233328 (mouse)

### Immunogen

Peptide with sequence C-ELPTEPTDDNP, from the internal region of the protein sequence according to NP\_078928.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** 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?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Rat,