

# GOAT ANTI-ACP2 ANTIBODY

**SKU:** EB07656



## SPECIFICATIONS

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Unit Size</b>             | 100 µg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonym / Alias Names</b> | ACP2 (beta subunit) lysosomal acid phosphatase 2 acid phosphatase 2, lysosomal ACP2                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Accession ID</b>          | NP_001601.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Blocking Peptide</b>      | EBP07656                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen</b>             | Peptide with sequence C-QNETRQTPEYQN, from the internal region of the protein sequence according to NP_001601.1.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Peptide Sequence</b>      | C-QNETRQTPEYQN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Shipping Instructions</b> | Refrigerated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Predicted Species</b>     | Human, Mouse, Rat, Dog                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Human Gene ID</b>         | 53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Mouse Gene ID</b>         | 11432                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Rat Gene ID</b>           | 24162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <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 1:16000.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Western Blot</b>          | Preliminary experiments gave an approx 35kDa band in Human Bone Marrow 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 48.3kDa according to NP_001601.1. The 35kDa 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? |
| <b>Application Type</b>      | Pep-ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |