

# GOAT ANTI-ACPP / PAP ANTIBODY

**SKU:** EB09390



250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

## SPECIFICATIONS

|                              |   |
|------------------------------|---|
| <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</b>       | prostatic acid phosphatase PAP ACP3 ACP-3 acid phosphatase, prostate ACPP   |
| <b>Usage Summary</b>         | <strong>Immunofluorescence:</strong> This antibody has been successfully used in IF on Mouse: Nousiainen HO et al. (2014) PMID: 24846136.   |
| <b>Accession ID</b>          | NP_001090.2   |
| <b>Blocking Peptide</b>      | EBP09390  |
| <b>Immunogen</b>             | Peptide with sequence C-YGIHKQKEKSRLQ, from the internal region of the protein sequence according to NP_001090.2.   |
| <b>Product Comments</b>      | This antibody is expected to recognize both isoforms (NP_001090.2; NP_001127666.1).   |
| <b>Peptide Sequence</b>      | C-YGIHKQKEKSRLQ   |
| <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, Dog, Cow   |
| <b>Reactive Species</b>      | Human, Mouse  |
| <b>Human Gene ID</b>         | 55  |
| <b>Mouse Gene ID</b>         | 56318   |
| <b>Rat Gene ID</b>           | 56780   |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a><br>In paraffin embedded Human Prostate shows cytoplasm staining in some secretory cells of the gland. |
| <b>IHC Results</b>           | Recommended concentration, 3-5µg/ml. This antibody has been successfully used in IHC on Mouse: Nousiainen HO et al. (2014) PMID: 24846136.  |
| <b>ELISA Detection Limit</b> | Antibody detection limit dilution 1:64000.  |
| <b>Western Blot</b>          | Approx 50kDa band observed in Human Prostate lysates (calculated MW of 44.6kDa according to NP_001090.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Patel et al, Clin Chem. 1986 Oct;32(10):1832-5. PMID: 3530530). Recommended concentration: 0.3-1µg/ml.                           |

**Application**  
**Type**      Pep-ELISA, WB, IHC, IF

## SELECTED REFERENCES

[{"pmid": 24846136, "intro": "**This antibody has been successfully used in IHC and IF on Mouse:**", "title": "Mice deficient in transmembrane prostatic Acid phosphatase display increased GABAergic transmission and neurological alterations.", "author": "Nousiainen HO, Quintero IB, Myöhänen TT, Voikar V, Mijatovic J, Segerstråle M, Herrala AM, Kuleshkaya N, Pulkka AE, Kivinummi T, Abo Ramadan U, Taira T, Piepponen TP, Rauvala H, Vihko P.", "journal": "PLoS One. 2014 May 20;9(5):e97851."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

