

GOAT ANTI-ACPP / PAP ANTIBODY

SKU: EB09390

250kDa
150kDa
100kDa
75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym /	
Alias	prostatic acid phosphatase PAP ACP3 ACP-3 acid phosphatase, prostate ACPP
Names	
Usage	Immunofluorescence:: This antibody has been successfully used in IF on Mouse: Nousiainen HO et al. (2014) PMID: 24846136.
Summary	
Accession ID	NP_001090.2
Blocking Peptide	EBP09390
Immunogen	Peptide with sequence C-YGIHKQKEKSRLQ, from the internal region of the protein sequence according to NP_001090.2.
Product Comments	This antibody is expected to recognize both isoforms (NP_001090.2; NP_001127666.1).
Peptide Sequence	C-YGIHKQKEKSRLQ
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow
Reactive Species	Human, Mouse
Human Gene ID	55
Mouse Gene ID	56318
Rat Gene ID	56780
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	In paraffin embedded Human Prostate shows cytoplasm staining in some secretory cells of the gland. Recommended concentration, 3-5µg/ml. This antibody has been successfully used in IHC on Mouse: Nousiainen HO et al. (2014) PMID: 24846136.
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	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\r\nalterations.", "author": "Nousiainen HO, Quintero IB, Myöhänen TT, Voikar V, Mijatovic J, Segerstråle M, Herrala AM, Kulesskaya 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

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