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GOAT ANTI-ACPP / PAP ANTIBODY

SKU: EB09390

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250kDa 150kDa 100kDa 75kDa

50kDa

37kDa

25kDa

20kDa

15kDa





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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

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

Synonym /

Alias prostatic acid phosphotase|PAP|ACP3|ACP-3|acid phosphatase, prostate|ACPP

Names

Usage Immunofluorescence:: This antibody has been successfully used in IF on Mouse: Nousiainen HO

Summary et al. (2014) PMID: 24846136.

Accession

NP 001090.2 ID

Blocking

EBP09390 **Peptide**

Peptide with sequence C-YGIHKQKEKSRLQ, from the internal region of the protein sequence according to **Immunogen**

NP 001090.2.

Product

This antibody is expected to recognize both isoforms (NP_001090.2; NP_001127666.1).

Comments

Peptide C-YGIHKQKEKSRLQ Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Mouse, Rat, Dog, Cow Species

Reactive

Human, Mouse **Species**

Human 55

Gene ID

Mouse 56318

Gene ID

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

In paraffin embedded Human Prostate shows cytoplasm staining in some secretory cells of the gland.

IHC Results Recommended concentration, 3-5µg/ml. This antibody has been successfully used in IHC on Mouse: Nousiainen HO

et al. (2014) PMID: 24846136.

FI ISA

Detection Antibody detection limit dilution 1:64000.

Limit 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.





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Application 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."}]

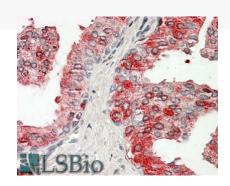
GALLERY IMAGES



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