10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat anti-ACPP / PAP (aa269-282), Biotinylated Antibody

Peptide-affinity purified goat antibody
Catalog # AF4488a

Product Information

Application	WB, Pep-ELISA
Primary Accession	P15309
Other Accession	NP_001127666.1, NP_001090.2
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Clone Names	ACPP
Calculated MW	44566

Additional Information

Gene ID	55
Other Names	ACPP; acid phosphatase, prostate; ACP-3; ACP3; PAP; OTTHUMP00000216107; prostatic acid phosphatase; prostatic acid phosphotase
Dilution	WB~~1:1000 Pep-ELISA~~N/A
Format	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.
Immunogen	This antibody is expected to recognize both reported isoforms (NP_001127666.1; NP_001090.2).
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-ACPP / PAP (aa269-282), Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ACP3 (HGNC:125)
Synonyms	ACPP
Function	A non-specific tyrosine phosphatase that dephosphorylates a diverse number of substrates under acidic conditions (pH 4-6) including alkyl, aryl, and acyl orthophosphate monoesters and phosphorylated proteins (PubMed:10506173, PubMed:15280042, PubMed:20498373,

	PubMed:9584846, PubMed:8132635). Has lipid phosphatase activity and inactivates lysophosphatidic acid in seminal plasma (PubMed:10506173, PubMed:15280042).
Cellular Location	[Isoform 1]: Secreted
Tissue Location	Highly expressed in the prostate, restricted to glandular and ductal epithelial cells. Also expressed in bladder, kidney, pancreas, lung, cervix, testis and ovary. Weak expression in a subset of pancreatic islet cells, squamous epithelia, the pilosebaceous unit, colonic neuroendocrine cells and skin adnexal structures. Low expression in prostate carcinoma cells and tissues

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.