

Prostatic Acid Phosphatase Rabbit mAb
Catalog # AP77928

Specification

Prostatic Acid Phosphatase Rabbit mAb - Product Information

Application	WB
Primary Accession	P15309
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	44566

Prostatic Acid Phosphatase Rabbit mAb - Additional Information

Gene ID 55

Other Names

ACP3

Dilution

WB~~1/500-1/1000

Format

Liquid

Prostatic Acid Phosphatase Rabbit mAb - Protein Information

Name ACP3 ([HGNC:125](#))

Synonyms ACP3

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](http://www.uniprot.org/citations/10506173) target="_blank">10506173, PubMed: [15280042](http://www.uniprot.org/citations/15280042) target="_blank">15280042, PubMed: [20498373](http://www.uniprot.org/citations/20498373) target="_blank">20498373, PubMed: [9584846](http://www.uniprot.org/citations/9584846) target="_blank">9584846). Has lipid phosphatase activity and inactivates lysophosphatidic acid in seminal plasma (PubMed: [10506173](http://www.uniprot.org/citations/10506173) target="_blank">10506173, PubMed: [15280042](http://www.uniprot.org/citations/15280042) target="_blank">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

Prostatic Acid Phosphatase Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Prostatic Acid Phosphatase Rabbit mAb - Images

