

**Prostatic Acid Phosphatase Rabbit mAb**  
Catalog # AP78042**Specification****Prostatic Acid Phosphatase Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">P15309</a>
Reactivity	Human, Mouse
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</a>, PubMed: [15280042](http://www.uniprot.org/citations/15280042) target="\_blank">15280042</a>, PubMed: [20498373](http://www.uniprot.org/citations/20498373) target="\_blank">20498373</a>, PubMed: [9584846](http://www.uniprot.org/citations/9584846) target="\_blank">9584846</a>). Has lipid phosphatase activity and inactivates lysophosphatidic acid in seminal plasma (PubMed: [10506173](http://www.uniprot.org/citations/10506173) target="\_blank">10506173</a>, PubMed: [15280042](http://www.uniprot.org/citations/15280042) target="\_blank">15280042</a>).

**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

