

**Product Name: Prostatic Acid Phosphatase (14A5)
Rabbit Monoclonal Antibody
Catalog #: AMRe16527**

Summary

Production Name	Prostatic Acid Phosphatase (14A5) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	ACP3
Alternative Names	5'-NT; 5'-nucleotidase; ACP3; PAP; Prostatic acid phosphatase; TMPase;
Gene ID	55.0
SwissProt ID	P15309.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	45kDa

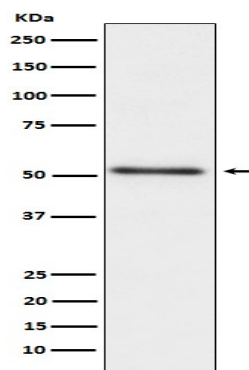
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Background

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

Research Area

Image Data



Western blot analysis of PAP (prostatic acid phosphatase) expression in human prostate cancer lysate.

Note

For research use only.