

## Product datasheet for **TA308808**

### Prostatic Acid Phosphatase (ACPP) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Rat, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 177 and 362 of Prostatic Acid Phosphatase
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48 kDa
Gene Name:	acid phosphatase, prostate
Database Link:	<a href="#">NP_001127666</a> <a href="#">Entrez Gene 56318 Mouse</a> <a href="#">Entrez Gene 56780 Rat</a> <a href="#">Entrez Gene 55 Human</a> <a href="#">P15309</a>
Background:	This gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland. An alternatively spliced transcript variant encoding a longer isoform has been found for this gene. This isoform contains a transmembrane domain and is localized in the plasma membrane-endosomal-lysosomal pathway. [provided by RefSeq]
Synonyms:	5 -NT; 5'-NT; ACP-3; ACP3



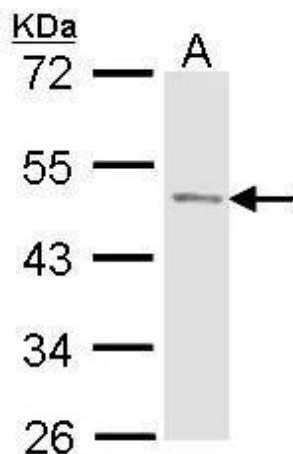
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**Note:** Seq homology of immunogen across species: Mouse (82%), Rat (82%), Bovine (82%)

**Protein Families:** Druggable Genome, Phosphatase, Transmembrane

**Protein Pathways:** Riboflavin metabolism

**Product images:**



Sample (30 ug of whole cell lysate). A: Molt-4.  
10% SDS PAGE. TA308808 diluted at 1:1000.