

## Product datasheet for **TA423773**

### Prostatic Acid Phosphatase (ACPP) Rabbit Monoclonal Antibody [Clone ID: OTIRA1592]

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTIRA1592
<b>Applications:</b>	ICC/IF, IHC, IP, WB
<b>Recommended Dilution:</b>	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	A synthesized peptide derived from human Prostatic Acid Phosphatase
<b>Specificity:</b>	Prostatic Acid Phosphatase Antibody detects endogenous levels of total Prostatic Acid Phosphatase
<b>Formulation:</b>	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity-chromatography
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Predicted Protein Size:</b>	52kDa
<b>Gene Name:</b>	acid phosphatase, prostate
<b>Database Link:</b>	<a href="#">Entrez Gene 55 Human P15309</a>

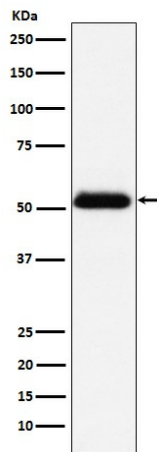


**Background:**

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.

**Synonyms:**

ACP3; PAP; TMPase

**Product images:**

Western blot analysis of Prostatic Acid Phosphatase expression in human prostate cancer lysate.