



# Anti-ACPP (aa 247-259) polyclonal antibody (DPABH-15873)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide: C-YGIHKQKEKSRLQ, corresponding to internal sequence amino acids 247-259 of Human Prostatic Acid Phosphatase (NP_001090.2).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	200 µl
<b>Buffer</b>	Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">ACPP acid phosphatase, prostate [ Homo sapiens ]</a>
Official Symbol	ACPP
Synonyms	ACPP; acid phosphatase, prostate; ACP3; 5-NT; ACP-3; prostatic acid phosphatase; TMPase; 5-nucleotidase; ecto-5-nucleotidase; thiamine monophosphatase; prostatic acid phosphotase;
Entrez Gene ID	<a href="#">55</a>
Protein Refseq	<a href="#">NP_001090.2</a>
UniProt ID	<a href="#">P15309</a>
Pathway	Riboflavin metabolism;
Function	5-nucleotidase activity; acid phosphatase activity; choline binding; identical protein binding