



Anti-ACPP (aa 310-418) polyclonal antibody (DPAB-DC2376)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	ACPP (AAH07460, 310 a.a. ~ 418 a.a) partial recombinant protein with GST tag. The sequence is YASCHLTELYFEKGEYFVEMYRNETQHEPYPLMLPGCSPSCPLERFAELAGPVIPQDWS TECMTTNSHQVLKVIFAVAFCLISAVLMVLLFIHIRRGLCWQRESYGN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ACPP acid phosphatase, prostate [Homo sapiens (human)]
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	55
Protein Refseq	NP_001090
UniProt ID	P15309
Chromosome Location	3q22.1
Pathway	Riboflavin metabolism;
Function	5-nucleotidase activity; acid phosphatase activity; choline binding; identical protein binding