

Goat ACPP / PAP Polyclonal Antibody | anti-ACPP antibody

Goat Polyclonal to Human ACPP / PAP

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51206	Goat	Bat, Gibbon, Bovine, Chimpanzee, Dog, Gorilla, Hamster, Human, Monkey, Mouse, Orangutan, Rabbit, Rat Predicted Reactivity: Horse (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

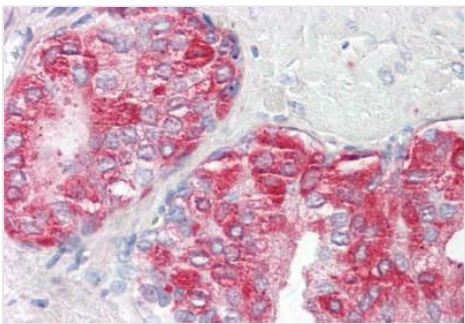
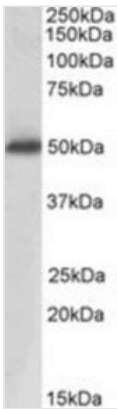
PRODUCT SYNONYMS

ACPP / PAP; Polyclonal Antibody; Goat Polyclonal to Human ACPP / PAP; Anti-ACPP / PAP Antibody (Internal) IHC-plus; ACPP; ACP3; 5-NT; 5-nucleotidase; Acid phosphatase; prostate; ACP-3; Ecto-5-nucleotidase; PAP; Prostatic acid phosphatase; Thiamine monophosphatase; Prostatic acid phosphatase; TMPase; Human ACPP; anti-ACPP antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Bat, Gibbon, Bovine, Chimpanzee, Dog, Gorilla, Hamster, Human, Monkey, Mouse, Orangutan, Rabbit, Rat Predicted Reactivity: Horse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ACPP. This antibody is expected to recognize both isoforms (NP_001090.2; NP_001127666.1).
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	386
Applicable Applications for anti-ACPP antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-YGIHKQKEKSRLQ from an internal region of human ACPP (NP_001090.2). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Panda, Dog, Bat, Bovine, Rabbit (100%).
Immunogen Type	Synthetic peptide
Immunogen	ACPP / PAP antibody was raised against synthetic peptide C-YGIHKQKEKSRLQ from an internal region of human ACPP (NP_001090.2). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Panda, Dog, Bat, Bovine, Rabbit (100%); Horse (92%); Elephant, Platypus (85%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-ACPP antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 3.75 ug/ml.

WB (Western Blot)
ACPP antibody (0.3 ug/ml) staining of Human Prostate lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-ACPP antibody	Prostatic acid phosphatase precursor catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. ACPP is synthesized under androgen regulation and secreted by the epithelial cells of the prostate gland. Sequence comparison has indicated the presence of several polymorphisms. ACPP undergoes alternative splicing in the 3' UTR.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6382064
NCBI GeneID	55
NCBI Accession #	NP_001090.2
NCBI GenBank Nucleotide #	NM_001099.4
UniProt Accession #	P15309; Q5FBY0; Q96KY0; Q96QK9; Q96QM0; D3DNC6
Molecular Weight	40,443 Da
NCBI Official Full Name	prostatic acid phosphatase isoform PAP
NCBI Official Synonym Full Names	acid phosphatase, prostate
NCBI Official Symbol	ACPP
NCBI Official Synonym Symbols	ACP3; 5'-NT; ACP-3
NCBI Protein Information	prostatic acid phosphatase; TMPase; 5'-nucleotidase; ecto-5'-nucleotidase; thiamine monophosphatase; prostatic acid phosphatase
UniProt Protein Name	Prostatic acid phosphatase
UniProt Gene Name	ACPP
UniProt Synonym Gene Names	PAP; 5'-NT; TMPase
UniProt Entry Name	PPAP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.