

Rabbit anti-Human Prostatic Acid Phosphatase (ACPP) Monoclonal Antibody | anti-ACP3 antibody

Prostatic Acid Phosphatase (ACPP) Rabbit PolymAb

CATALOG # AAA282903	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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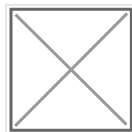
PRODUCT SYNONYMS

Prostatic Acid Phosphatase (ACPP); Monoclonal Antibody; Prostatic Acid Phosphatase (ACPP) Rabbit PolymAb; ACPP; 5'-NT; ACP-3; TM-PAP; anti-ACP3 antibody

PRODUCT SPECIFICATIONS

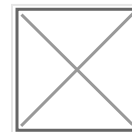
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	KELKFVTLVF RHGDRSPIDT FPTDPIKESS WPQGFGLTQ LGMEQHYELG EYIRKRYRKF LNESYKHEQV YIRSTDVRT LMSAMTNLAA LFPPEGVSIW NPILLWQPIP VHTVPLSEDQ LLYLPFRNCP RFQELESETL KSEEFQKRLH PYKDFIATLG KLSGLHGQDL FGIWSKVYDP LYCESVHNFT LPSWATEDTM TKLRELSLS LLSLYGIHKQ KEKSRLQGGV LVNEILNHMK RATQIPSYKK LIMYSAHDTT VSGLQMALDV YNGLLPYPAS CHLTelyFEK GEYFVEMYR NETQHEPYPL MLPGCSPSCP LERFAELVGP VIPQDWSTEC MTTNSHQGTE DSTD
Applicable Applications for anti-ACP3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 33-386 of human Prostatic Acid Phosphatase (ACPP)(NP_001090.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human prostate tissue using Prostatic Acid Phosphatase (ACPP) Rabbit PolymAb® (AAA282903) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human prostate cancer tissue using Prostatic Acid Phosphatase (ACPP) Rabbit PolymAb® (AAA282903) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

**WB (Western Blot)**

Western blot analysis of lysates from Rat liver using Prostatic Acid Phosphatase (ACPP) Rabbit PolymAb® (AAA282903) at 1:1000 dilution incubated overnight at 4?.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

**WB (Western Blot)**

Western blot analysis of lysates from Mouse liver using Prostatic Acid Phosphatase (ACPP) Rabbit PolymAb® (AAA282903) at 1:1000 dilution incubated overnight at 4?.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 45s.

ADDITIONAL INFORMATION

Related Product Information for anti-ACP3 antibody	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.
Product Categories/Family for anti-ACP3 antibody	Cancer ; Tumor biomarkers ; Cell Biology Developmental Biology ; Ubiquitin ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	130730
NCBI GeneID	55
UniProt Accession #	P15309; Q5FBY0; Q96KY0; Q96QK9; Q96QM0; D3DNC6
Molecular Weight	Calculated MW: 45kDa Observed MW: 45kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/prostatic-acid-phosphatase-acpp-antibody-immunohistochemistry-western-blot-elisa/282903>