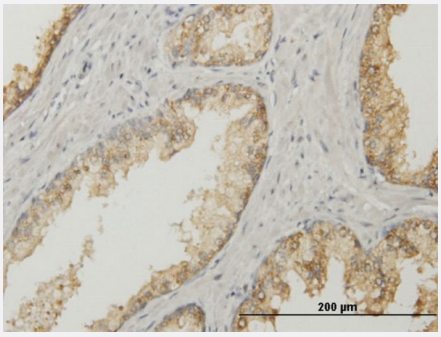
MaxPab®

ACPP purified MaxPab mouse polyclonal antibody (B01P)

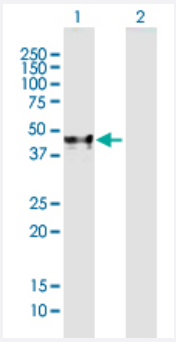
Catalog # H00000055-B01P Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to ACPP on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]



Western Blot (Transfected lysate)

Western Blot analysis of ACPP expression in transfected 293T cell line (H00000055-T01) by ACPP MaxPab polyclonal antibody.

Lane 1: ACPP transfected lysate(42.46 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ACPP protein.
Immunogen	ACPP (NP_001090.2, 1 a.a. ~ 386 a.a) full-length human protein.
Sequence	MRAAPLLLARAASLSLGFLFLLFFWLDRSVLAKELKFVTLVFRHGDRSPIDTFPTDPIKESSWPQG FGQLTQLGMEQHYELGEYIRKRYRKFLNESYKHEQVYIRSTDVDRTLMSAMTNLAALFPPEGVSIW NPILLWQPIPVHTVPLSEDQLLYLPFRNCPRFQELESETLKSEEFQKRLHPYKDFIATLGKLSGLHG QDLFGIWSKVYDPLYCESVHNFTLPSWATEDTMTKLRELSELSLLSLYGIHKQKEKSRLQGGVLV NEILNHMKRATQIPSYKKLIMYSAHDTTVSGLQMALDVYNGLLPPYASCHLTELYFEKGEYFVEMYY RNETQHEPYPLMLPGCSPSCPLERFAELVGPVIPQDWSTECMTTNSHQGTEDSTD
Host	Mouse

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Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (81)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunoperoxidase of purified MaxPab antibody to ACPP on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]

  Protocol Download

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  Protocol Download

Gene Info — ACPP

Entrez GeneID	55
GeneBank Accession#	NM_001099
Protein Accession#	NP_001090.2
Gene Name	ACPP
Gene Alias	ACP-3, ACP3, PAP
Gene Description	acid phosphatase, prostate
Omim ID	171790
Gene Ontology	Hyperlink

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Gene Summary	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. [provided by RefSeq
Other Designations	prostatic acid phosphotase

Publication Reference

- An evolutionarily conserved mode of modulation of Shaw-like K+ channels.

  Cotella D, Hernandez-Enriquez B, Duan Z, Wu X, Gazula VR, Brown MR, Kaczmarek LK, Sesti F.

  FASEB Journal 2013 Apr; 27(4):1381.

  Application: IP-WB, Mouse, Brain

Pathway

- gamma-Hexachlorocyclohexane degradation
- Riboflavin metabolism

Disease

- Tobacco Use Disorder

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