

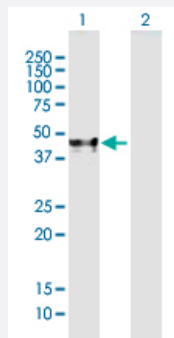
MaxPab®

ACPP purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000055-B01P

Size 50 ug

Applications

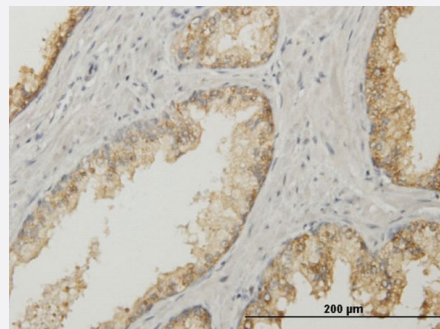


Western Blot (Transfected lysate)

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.



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]

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

MRAAPLLLARAASLSLGLFLLFFWLDRSVLAKELKFVTLVFRHGDSPIDTFPTDPIKESSWPQG
FGQLTQLGMEQHYELGEYIRKRYRKLNESYKHEQVYIRSTDVDRTLMSAMTNLAALFPPEGVSW
NPILLWQPIPVHTVPLSEDQLLYLPFRNCPRFQELESETLKSEEFQKRLHPYKDFIATLGKLSGLHG
QDLFGWSKVYDPLYCESVHNFTLPSWATEDMTKLRELSELSSLSLYGIHKQKEKSRLQGGVLV
NEILNHMKRATQIPSYKKLIMYSAHDTTVSGLQMALDVYNGLLPPYASCHLTLEYFEKGEYFVEMY
RNETQHPEPYPLMLPGCSPSCPLERFAELVGPVIPQDWSTECMTTNSHQGTEDSTD

Host

Mouse

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

- Western Blot (Transfected lysate)

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

Lane 1: ACP transfected lysate(42.46 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

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

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

[Protocol Download](#)

Gene Info — ACP

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

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 phosphatase

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](#)