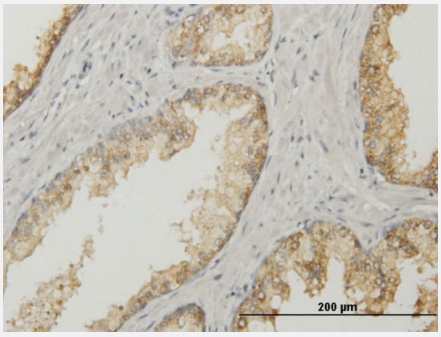
MaxPab®

# ACPP purified MaxPab mouse polyclonal antibody (B01P)

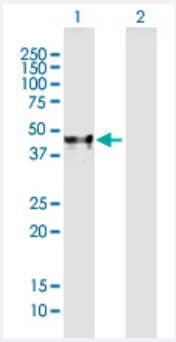
Catalog # H00000055-B01P Size 50 ug

## 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

- 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.

  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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