

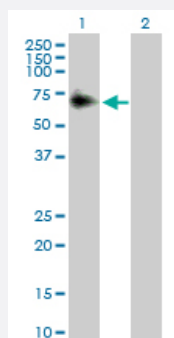
MaxPab®

ACP2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000053-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ACP2 expression in transfected 293T cell line ([H00000053-T01](#)) by ACP2 MaxPab polyclonal antibody.

Lane 1: ACP2 transfected lysate (48.30 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ACP2 protein.

Immunogen

ACP2 (AAH03160.1, 1 a.a. ~ 423 a.a) full-length human protein.

Sequence

MAGKRSGWSRAALLQLLLGVNLVMPPTQARSLRFVTLTYRHGDRSPVKTYPKDPYQEEEWPPQ
GFGQLTKEGMLQHWELGQALRQRYHGFLNTSYHRQEVYVRSTDFDRTLMSAEANLAGLFPPNG
MQRFNPNISWQPIPVHTVPITEDRLKFKPLGPCPRYEQLQNETRQTPEYQNESSRNAQFLDMVAN
ETGLTDLTLETVWNVYDTLFCETQTHGLRPLPWASPTMQRLSRLKDFSFRFLFGIYQQAELARLQ
GGVLLAQIRKNLTLMATTSQLPKLLVYSAHDTTLVALQMALDVYNGEQAPYASCHIFELYQEDSGN
FSVEMYFRNESDKAPWPLSLPGCPHRCPLQDFLRLTEPVVPKDWQQECQLASGPADTEVMAL
AVCGSILFLLMLLLTVLFRMQAQPPGYRHVADGEDHA

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (90); Rat (90)

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

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[Protocol Download](#)

Gene Info — ACP2

Entrez GeneID [53](#)

GeneBank Accession# [BC003160.1](#)

Protein Accession# [AAH03160.1](#)

Gene Name ACP2

Gene Alias -

Gene Description acid phosphatase 2, lysosomal

Omim ID [171650](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the beta subunit of lysosomal acid phosphatase (LAP). LAP is chemically and genetically distinct from red cell acid phosphatase. The encoded protein belongs to a family of distinct isoenzymes which hydrolyze orthophosphoric monoesters to alcohol and phosphate. Mutations in this gene or in the related alpha subunit gene cause acid phosphatase deficiency. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations -

Pathway

- [gamma-Hexachlorocyclohexane degradation](#)

- [Lysosome](#)
- [Riboflavin metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)
- [Supranuclear Palsy](#)