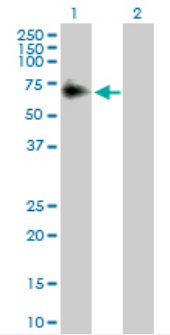
MaxPab®

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	MAGKRSGWSRAALLQLLLGVNLVVMPPTQARSLRFVTLLYRHGDRSPVKTYPKDPYQEEEWPQ GFGQLTKEGMLQHWELGQALRQRYHGFLNTSYHRQEVYVRSTDFDRTLMSAEANLAGLFPPNG MQRFNPNISWQPIPVHTVPITEDRLLKFPLGPCPRYEQLQNETRQTPEYQNESSRNAQFLDMVAN ETGLTDLTLETVWNVYDTLFCEQTHGLRLPPWASPQTMQRLSRLKDFSFRFLFGIYQQAEKARLQ GGVLLAQIRKNLTLMATTSQLPKLLVYSAHDTTLVALQMALDVYNGEQAPYASCHIFELYQEDSGN FSVEMYFRNESDKAPWPLSLPGCPHRCPLQDFLRLTEPVVPKDWQQECQLASGPADTEVIVAL AVCGSILFLLIVLLLTVLFRMQAQPPGYRHVADGEDHA
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

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Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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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 dis tinct isoenzymes which hydrolyze orthophosphoric monoesters to alcohol and phosphate. Mutatio ns in this gene or in the related alpha subunit gene cause acid phosphatase deficiency. Multiple al ternatively spliced transcript variants encoding different isoforms have been identified for this gen e. [provided by RefSeq
Other Designations	-

Pathway

- gamma-Hexachlorocyclohexane degradation

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- Lysosome
- Riboflavin metabolism

Disease

- Genetic Predisposition to Disease
- Prostatic Neoplasms
- Supranuclear Palsy

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