

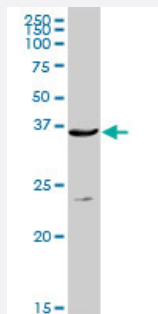
MaxPab®

ACP5 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000054-D01P

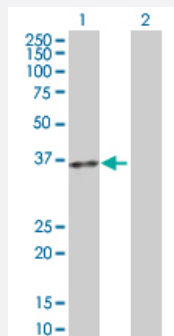
Size 100 ug

Applications



Western Blot (Tissue lysate)

ACP5 MaxPab rabbit polyclonal antibody. Western Blot analysis of ACP5 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of ACP5 expression in transfected 293T cell line ([H00000054-T01](#)) by ACP5 MaxPab polyclonal antibody.

Lane 1: ACP5 transfected lysate(36.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ACP5 protein.

Immunogen

ACP5 (NP_001602.1, 1 a.a. ~ 325 a.a) full-length human protein.

Sequence

MDMWTALLILQALLPSLADGATPALRFVAVGDWGGVPNAPFHTAREMANAKEIARTVQILGADFI
LSLGDNFYFTGVQDINDKRFQETFEDVFSRSLRKVPWYVLAGNHDHLGNVSAQIAYSKISKRWN
FPSPFYRLHFKIPQTNVSVAIFMLDTVTLCGNSDDFLSQQPERPRDVKLARTQLSWLKKQLAAAR
EDYVLVAGHYVPVWSIAEHGPTHCLVKQLRPPLLATYGVTAYLCGHDHNLQYLQDENGVGYYLSGAG
NFMDPSCRHQKVPNGYLRPHYGTEDSLGGFAYVEISSKEMTVTYIEASGKSLFKTRLPRRARP

Host

Rabbit

Reactivity	Human
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.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — ACP5

Entrez GeneID	54
GeneBank Accession#	NM_001611.2
Protein Accession#	NP_001602.1
Gene Name	ACP5
Gene Alias	MGC117378, TRAP
Gene Description	acid phosphatase 5, tartrate resistant
Omim ID	171640
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an iron containing glycoprotein which catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+)-tartrate. [provided by RefSeq]

Other Designations

TrATPase|tartrate resistant acid phosphatase 5|tartrate-resistant acid ATPase

Publication Reference

- [Comparison of the Skeletal effects induced by daily administration of PTHrP \(1-36\) and PTHrP \(107-139\) to ovariectomized mice.](#)

de Castro LF, Lozano D, Portal-Núñez S, Maycas M, De la Fuente M, Caeiro JR, Esbrit P.

Journal of Cellular Physiology 2012 Apr; 227(4):1752.

Application: IHC-P, Mouse, Tibia

- [The C-terminal fragment of parathyroid hormone-related peptide promotes bone formation in diabetic mice with low turnover osteopaenia.](#)

Lozano D, Fernández-de-Castro L, Portal-Núñez S, López-Herradón A, Dapía S, Gómez-Barrena E, Esbrit P.

British Journal of Pharmacology 2011 Mar; 162(6):1424.

Application: IHC, Mouse, Bone

- [Role of the N- and C-terminal fragments of parathyroid-hormone-related protein as putative therapies to improve bone regeneration under high glucocorticoid treatment.](#)

de Castro LF, Lozano D, Dapía S, Portal-Núñez S, Caeiro JR, Gómez-Barrena E, Esbrit P.

Tissue Engineering. Part A 2010 Apr; 16(4):1157.

Application: IHC-P, Mouse, Ablated tibiae

Pathway

- [gamma-Hexachlorocyclohexane degradation](#)
- [Lysosome](#)
- [Riboflavin metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Osteonecrosis](#)