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Datasheet for ABIN513079
anti-ACP5 antibody (AA 1-325)

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Overview

Quantity:	100 µg
Target:	ACP5
Binding Specificity:	AA 1-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	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:	MDMWTALLIL QALLPLSLAD GATPALRFVA VGDWGGVPNA PFHTAREMAN AKEIARTVQI LGADFILSLG DNFYFTGVQD INDKRFQETF EDVFSDRSLR KVPWYVLGN HDHLGNVSAQ IAYSKISKRW NFPSPFYRLH FKIPQTNVSV AIFMLDTVTL CGNSDDFLSQ QPERPRDVKL ARTQLSWLKK QLAAAREDYV LVAGHYPVWS IAEHGPTHCL VKQLRPLLAT YGVTAYLCGH DHNLQYLQDE NGVGYVLSGA GNFMDPSKRH QRKVPNGYLR FHYGTEDSLG GFAYVEISSK EMTVTYIEAS GKSLFKTRLP RRARP
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	ACP5
Alternative Name:	ACP5 (ACP5 Products)
Background:	Full Gene Name: acid phosphatase 5, tartrate resistant Synonyms: MGC117378,TRAP
Gene ID:	54
NCBI Accession:	NM_001611
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

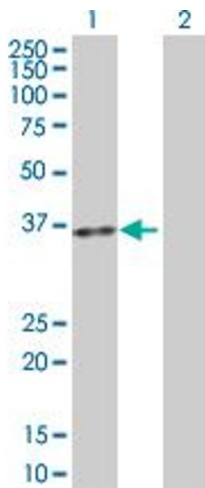
Product cited in: de Castro, Lozano, Portal-Núñez, Maycas, De la Fuente, Caeiro, Esbrit: "Comparison of the skeletal effects induced by daily administration of PTHrP (1-36) and PTHrP (107-139) to ovariectomized mice." in: **Journal of cellular physiology**, Vol. 227, Issue 4, pp. 1752-60, (2012) ([PubMed](#)).

Lozano, Fernández-de-Castro, Portal-Núñez, López-Herradón, Dapía, Gómez-Barrena, Esbrit: "The C-terminal fragment of parathyroid hormone-related peptide promotes bone formation in diabetic mice with low-turnover osteopaenia." in: **British journal of pharmacology**, Vol. 162, Issue 6, pp. 1424-38, (2011) ([PubMed](#)).

de Castro, Lozano, Dapía, Portal-Núñez, Caeiro, Gómez-Barrena, Esbrit: "Role of the N- and C-terminal fragments of parathyroid-hormone-related protein as putative therapies to improve

bone regeneration under high glucocorticoid treatment." in: **Tissue engineering. Part A**, Vol. 16, Issue 4, pp. 1157-68, (2010) ([PubMed](#)).

Images

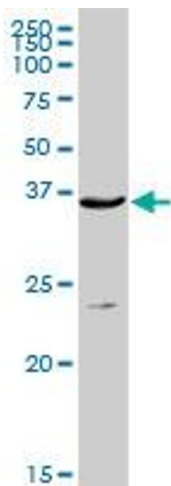


Western Blotting

Image 1. Western Blot analysis of ACP5 expression in transfected 293T cell line by ACP5 MaxPab polyclonal antibody.

Lane 1: ACP5 transfected lysate(36.60 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. ACP5 MaxPab rabbit polyclonal antibody. Western Blot analysis of ACP5 expression in human liver.