Datasheet for ABIN513078

anti-ACP5 antibody (AA 1-325)

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Overview

Quantity:	50 µg
Target:	ACP5
Binding Specificity:	AA 1-325
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This ACP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse 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 QALLLPSLAD GATPALRFVA VGDWGGVPNA PFHTAREMAN AKEIARTVQI LGADFILSLG DNFYFTGVQD INDKRFQETF EDVFSDRSLR KVPWYVLAGN 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

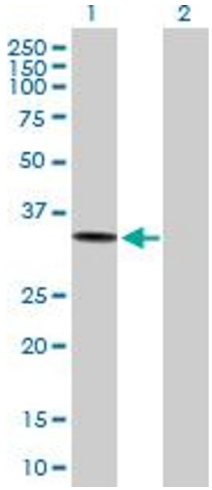
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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:	Leung, Pickarski, Zhuo, Masarachia, Duong: "The effects of the cathepsin K inhibitor odanacatib on osteoclastic bone resorption and vesicular trafficking." in: **Bone**, Vol. 49, Issue 4, pp. 623-35, (2011) (PubMed).



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(35.75 KDa).

Lane 2: Non-transfected lysate.