

Datasheet for ABIN2776835
anti-ACP5 antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	ACP5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse, Sheep, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ACP5
Sequence:	DNFYFTGVQD INDKRFQETF EDVFSDRSLR KVPWYVLGN HDHLGNVSAQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%, Sheep: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against ACP5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ACP5
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Target Details

Alternative Name:	ACP5 (ACP5 Products)
Background:	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. Alias Symbols: MGC117378, TRAP, SPENCDI Protein Interaction Partner: UBC, PPP2CB, SLC35F6, ZBTB16, SNRNP40, PDCD5, TNFSF10, MAPK9, GPC4, RPA2, SPP1, EGR2, Protein Size: 325
Molecular Weight:	34 kDa
Gene ID:	54
NCBI Accession:	NM_001611 , NP_001602
UniProt:	P13686
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 325 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-ACP5 Antibody Titration:
0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: THP-1 cell lysate

Western Blotting

Image 2. WB Suggested Anti-ACP5 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: THP-1 cell lysate