

Rabbit anti-Human, Rat Acid Phosphatase 1 (ACP1) Polyclonal Antibody | anti-ACP1 antibody

Polyclonal Antibody to Acid Phosphatase 1 (ACP1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA130815	Rabbit	Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

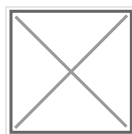
PRODUCT SYNONYMS

Acid Phosphatase 1 (ACP1); Polyclonal Antibody; Polyclonal Antibody to Acid Phosphatase 1 (ACP1); anti-ACP1 antibody

PRODUCT SPECIFICATIONS

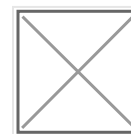
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ACP1. It has been selected for its ability to recognize ACP1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and its sequence is listed below. M GHHHHHSGS -MAEVGSKSV LFVCLGNICR SPIAEAVFRK LVTDENVSDN WRIDSAATST YEVGNNPPDYR GQNCMKKHGI HMQHIARQIT REDFATFDYI LCMDENLRD LNRKSNQVKN CKAKIELLGS YDPQQLIIE DPYYGNDSDF EVVYQQLRC KAFLEKTH
Sequence Length	255
Applicable Applications for anti-ACP1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant ACP1 (Met1~His158) expressed in E.coli.
Cross Reactivity	Human, Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate;; Lane 2: ACP1 knockout HeLa cell lysate;; Predicted MW: 18kDa ; Observed MW: 17kDa; Primary Ab: 1ug/ml Rabbit Anti-Rat ACP1 Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded kidney tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Rat Liver lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat ACP1 Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACP1 antibody

Knock-Out Validation Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863989
NCBI GeneID	24161
NCBI Accession #	NP_067085.1
NCBI GenBank Nucleotide #	NM_021262.2
UniProt Accession #	P41498; Q9R138
Molecular Weight	17,937 Da
NCBI Official Full Name	low molecular weight phosphotyrosine protein phosphatase isoform A
NCBI Official Synonym Full Names	acid phosphatase 1
NCBI Official Symbol	Acp1
NCBI Protein Information	low molecular weight phosphotyrosine protein phosphatase
UniProt Protein Name	Low molecular weight phosphotyrosine protein phosphatase
UniProt Gene Name	Acp1
UniProt Synonym Gene Names	LMW-PTP; LMW-PTPase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acid-phosphatase-1-acp1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/130815>