

Rabbit anti-Human, Mouse ACP1 Polyclonal Antibody | anti-ACP1 antibody

ACP1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311305	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

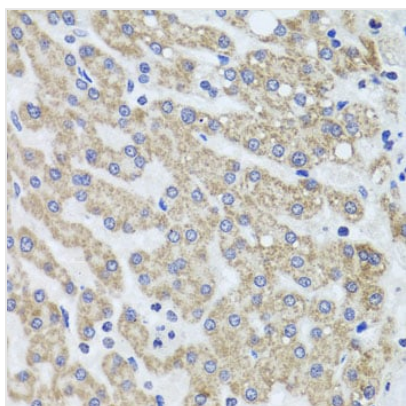
PRODUCT SYNONYMS

ACP1; Polyclonal Antibody; ACP1 Polyclonal Antibody; HAAP; LMW-PTP; LMWPTP; acid phosphatase 1; soluble; anti-ACP1 antibody

PRODUCT SPECIFICATIONS

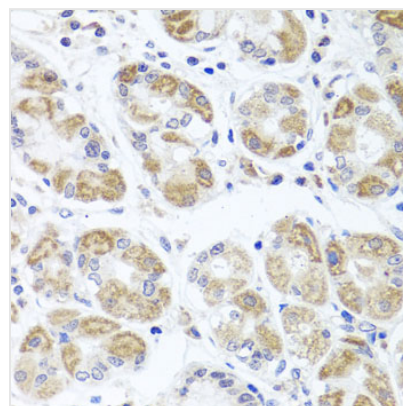
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-ACP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ACP1 (NP_004291.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



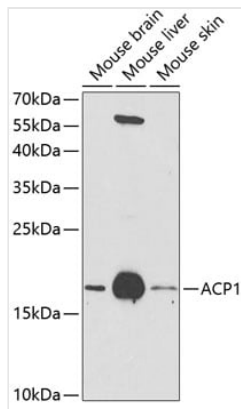
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using ACP1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach tissue using ACP1 antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ACP1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ACP1 antibody	The product of this gene belongs to the phosphotyrosine protein phosphatase family of proteins. It functions as an acid phosphatase and a protein tyrosine phosphatase by hydrolyzing protein tyrosine phosphate to protein tyrosine and orthophosphate. This enzyme also hydrolyzes orthophosphoric monoesters to alcohol and orthophosphate. This gene is genetically polymorphic, and three common alleles segregating at the corresponding locus give rise to six phenotypes. Each allele appears to encode at least two electrophoretically different isozymes, Bf and Bs, which are produced in allele-specific ratios. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.
Product Categories/Family for anti-ACP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757714
NCBI GeneID	52
NCBI Accession #	NP_004291.1
NCBI GenBank Nucleotide #	NM_004300.3
UniProt Accession #	P24666; P24667; Q16035; Q16036; Q16725; Q3KQX8; Q53RU0; A8K1L9
Molecular Weight	18,042 Da
NCBI Official Full Name	low molecular weight phosphotyrosine protein phosphatase isoform c
NCBI Official Synonym Full Names	acid phosphatase 1, soluble
NCBI Official Symbol	ACP1
NCBI Official Synonym Symbols	HAAP
NCBI Protein Information	low molecular weight phosphotyrosine protein phosphatase; LMW-PTP; LMW-PTPase; adipocyte acid phosphatase; red cell acid phosphatase 1; protein tyrosine phosphatase; acid phosphatase of erythrocyte; cytoplasmic phosphotyrosyl protein phosphatase; low mole
UniProt Protein Name	Low molecular weight phosphotyrosine protein phosphatase
UniProt Gene Name	ACP1
UniProt Synonym Gene Names	LMW-PTP; LMW-PTPase
UniProt Entry Name	PPAC_HUMAN

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/acp1-antibody-immunohistochemistry-western-blot-elisa/311305>