# antibodies - online.com







# anti-ACP1 antibody (AA 15-144)

**Images** 



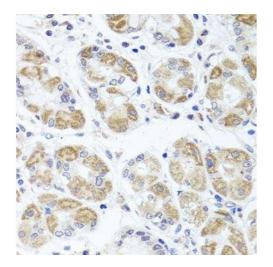
#### Overview

Quantity:	100 μL
Target:	ACP1
Binding Specificity:	AA 15-144
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACP1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 15-144 of human ACP1 (NP_004291.1).
Sequence:	GNICRSPIAE AVFRKLVTDQ NISENWRVDS AATSGYEIGN PPDYRGQSCM KRHGIPMSHV ARQITKEDFA TFDYILCMDE SNLRDLNRKS NQVKTCKAKI ELLGSYDPQK QLIIEDPYYG NDSDFETVYQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

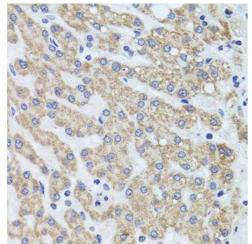
# **Target Details**

Target:	ACP1
Alternative Name:	ACP1 (ACP1 Products)
Background:	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.,ACP1,HAAP,LMW-PTP,LMWPTP,Cancer,Tumor biomarkers,Signal
	Transduction,Kinase,Cell Biology & Developmental Biology,Cell Cycle,ACP1
Molecular Weight:	12 kDa/14 kDa/17 kDa/18 kDa
Gene ID:	52
UniProt:	P24666
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



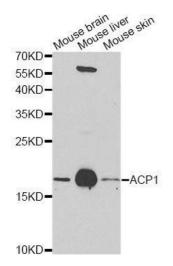
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded human stomach using ACP1 antibody.



## Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded human liver injury using ACP1 antibody.



### **Western Blotting**

**Image 3.** Western blot analysis of extracts of various cell lines, using ACP1 antibody.