

## ACP1 Antibody (N-term)

Catalog_no :	AB2689
Reactivity :	H
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN:33-61
Specificity :	This ACP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33-61 amino acids from the N-terminal region of human ACP1.
Dilution :	WB,1:1000;IHC-P,1:50~100;FC,1:10~50;IF,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Low molecular weight phosphotyrosine protein phosphatase, LMW-PTP, LMW-PTPase, Adipocyte acid phosphatase, Low molecular weight cytosolic acid phosphatase, Red cell acid phosphatase 1, ACP1
Isotype :	Rabbit Ig
Background :	ACP1 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.
reference :	Saccucci, P., et al. Med. Sci. Monit. 15 (10), CR511-CR517 (2009) ; Shu, Y.H., et al. J. Clin. Endocrinol. Metab. 94(10):4094-4102(2009) Apelt, N., et al. Metab. Clin. Exp. 58(10):1415-1423(2009) Banci, M., et al. Cardiology 113(4):236-242(2009) Rous