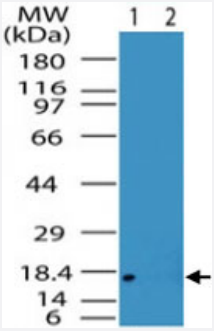
ACP1 polyclonal antibody

Catalog # PAB0152 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of ACP1 in the 1) absence and 2) presence of immunizing peptide in human liver lysate. Using ACP1 polyclonal antibody (Cat # PAB0152) at 1 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant ACP1.
Immunogen	Recombinant protein corresponding to amino acids 40-80 of human ACP1.
Host	Rabbit
Reactivity	Bovine, Human, Pig
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Applications

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Gene Info — ACP1

Entrez GeneID	52
Gene Name	ACP1
Gene Alias	HAAP, MGC111030, MGC3499
Gene Description	acid phosphatase 1, soluble
Omim ID	171500
Gene Ontology	Hyperlink
Gene Summary	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 tyros ine phosphate to protein tyrosine and orthophosphate. This enzyme also hydrolyzes orthophospho ric monoesters to alcohol and orthophosphate. This gene is genetically polymorphic, and three co mmon alleles segregating at the corresponding locus give rise to six phenotypes. Each allele app ears 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. [provided by RefSeq
Other Designations	acid phosphatase of erythrocyte|adipocyte acid phosphatase|cytoplasmic phosphotyrosyl protein phosphatase|low molecular weight phosphotyrosine protein phosphatase|protein tyrosine phosph atase|red cell acid phosphatase 1

Pathway

- Adherens junction
- gamma-Hexachlorocyclohexane degradation
- Riboflavin metabolism

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Disease

- Abortion
- Asthma
- Atherosclerosis
- Attention Deficit Disorder with Hyperactivity
- Birth Weight
- Cardiovascular Diseases
- Colon cancer
- Colonic Neoplasms
- Coronary Artery Disease
- Crohn Disease
- Dermatitis
- Diabetes
- Diabetes Mellitus
- Diabetic Ketoacidosis
- Edema
- Endometriosis
- Fetal Growth Retardation
- Genetic Predisposition to Disease
- Hyperlipidemias
- Hypersensitivity
- Insulin Resistance
- Leiomyoma
- Liver Cirrhosis
- Lupus Erythematosus

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- Malaria
- Neoplasms
- Obesity
- Osteoporosis
- Pregnancy in Diabetics
- Prenatal Exposure Delayed Effects
- Tobacco Use Disorder
- Tourette Syndrome
- Tuberculosis
- Uterine Neoplasms

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