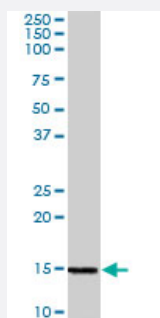


# ACYP1 polyclonal antibody

Catalog # PAB7186

Size 100 ug

## Applications



### Western Blot (Tissue lysate)

ACYP1 polyclonal antibody (Cat # PAB7186) (0.01 ug/mL) staining of human testis lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ACYP1.
Immunogen	A synthetic peptide corresponding to human ACYP1.
Sequence	C-PKSHIDKANFNNEK
Host	Goat
Theoretical MW (kDa)	11.3, 6.1
Reactivity	Human
Specificity	This antibody is expected to recognize isoform a (NP_001098.1) only.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

<b>Recommend Usage</b>	ELISA (1:128000) Western Blot (0.01-0.03 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ACYP1

<b>Entrez GeneID</b>	<a href="#">97</a>
<b>Protein Accession#</b>	<a href="#">NP_001098.1</a>
<b>Gene Name</b>	ACYP1
<b>Gene Alias</b>	ACYPE
<b>Gene Description</b>	acylphosphatase 1, erythrocyte (common) type
<b>Omim ID</b>	<a href="#">600875</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	Acylphosphatase is a small cytosolic enzyme that catalyzes the hydrolysis of the carboxyl-phosphate bond of acylphosphates. Two isoenzymes have been isolated, called muscle acylphosphatase and erythrocyte acylphosphatase, on the basis of their tissue localization. This gene encodes the erythrocyte acylphosphatase isoenzyme. Alternatively spliced transcript variants that encode different proteins were identified through data analysis. [provided by RefSeq]
<b>Other Designations</b>	erythrocyte acylphosphatase 1

## Publication Reference

- [A nucleophilic catalysis step is involved in the hydrolysis of aryl phosphate monoesters by human CT acylphosphatase.](#)

Paoli P, Pazzagli L, Giannoni E, Caselli A, Manao G, Camici G, Ramponi G.

The Journal of Biological Chemistry 2003 Jan; 278(1):194.

## Pathway

- [Benzoate degradation via CoA ligation](#)
- [Pyruvate metabolism](#)