

Goat Anti-ACYP1 (isoform a) Antibody
Peptide-affinity purified goat antibody
Catalog # AF1024a

Specification

Goat Anti-ACYP1 (isoform a) Antibody - Product Information

Application	WB
Primary Accession	P07311
Other Accession	NP_001098 , 97 , 66204 (mouse)
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	11261

Goat Anti-ACYP1 (isoform a) Antibody - Additional Information

Gene ID 97

Other Names

Acylphosphatase-1, 3.6.1.7, Acylphosphatase, erythrocyte isozyme, Acylphosphatase, organ-common type isozyme, Acylphosphate phosphohydrolase 1, ACYP1, ACYPE

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-ACYP1 (isoform a) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-ACYP1 (isoform a) Antibody - Protein Information

Name ACYP1

Synonyms ACYPE

Tissue Location

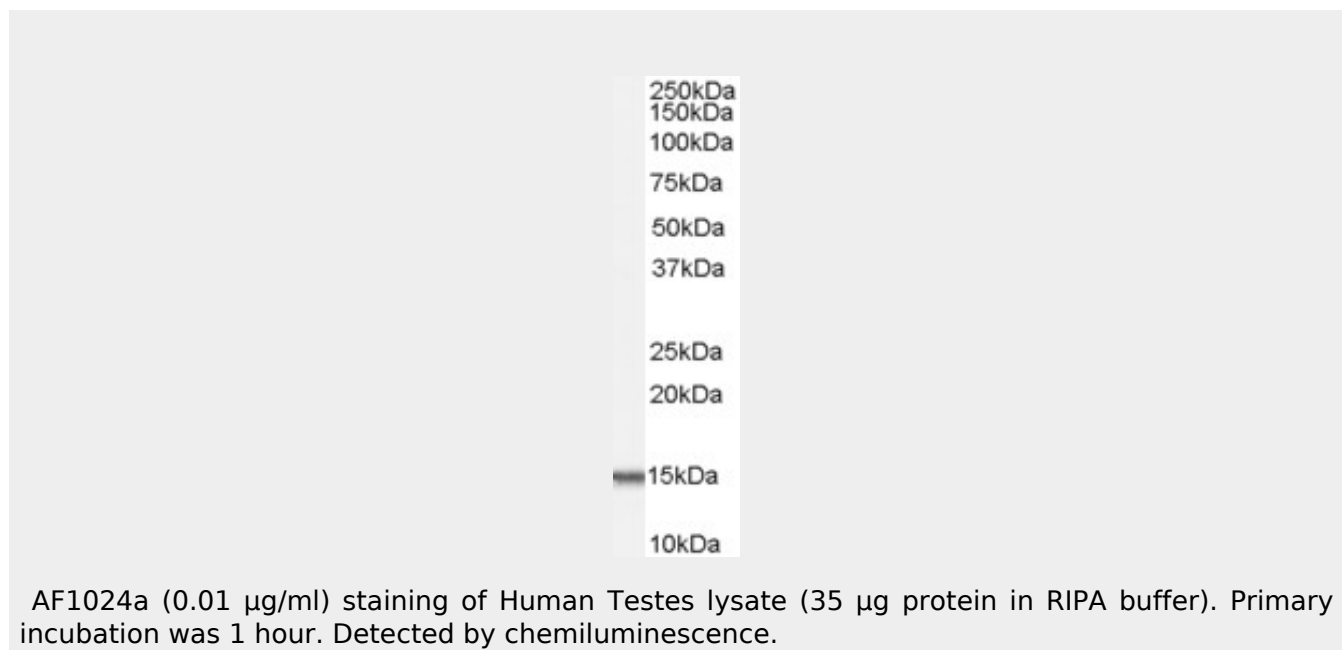
Organ-common type isozyme is found in many different tissues

Goat Anti-ACYP1 (isoform a) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-ACYP1 (isoform a) Antibody - Images



Goat Anti-ACYP1 (isoform a) Antibody - Background

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.

Goat Anti-ACYP1 (isoform a) Antibody - References

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. *Genome Res*, 2004 Oct. PMID 15489334.

ACYP1 gene possesses two alternative splicing forms that induce apoptosis. Degl'Innocenti D, et al. *IUBMB Life*, 2004 Jan. PMID 14992377.

The DNA sequence and analysis of human chromosome 14. Heilig R, et al. *Nature*, 2003 Feb 6. PMID 12508121.

Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. *Proc Natl Acad Sci U S A*, 2002 Dec 24. PMID 12477932.

A nucleophilic catalysis step is involved in the hydrolysis of aryl phosphate monoesters by human CT acylphosphatase. Paoli P, et al. *J Biol Chem*, 2003 Jan 3. PMID 12409302.