

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

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

| | |
|-------------------|--|
| Application | WB, E |
| 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

Dilution

WB~~1:1000

E~~N/A

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

AF1024a (0.01 µg/ml) staining of Human Testes lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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.
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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.