

ACYP2 Polyclonal Antibody

YT0109 Catalog No:

Reactivity: Human;Rat

Applications: WB;ELISA

Target: ACYP2

Fields: >>Pyruvate metabolism;>>Metabolic pathways

Gene Name: ACYP2

Protein Name: Acylphosphatase-2

P14621

P56375

Human Gene Id: 98

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Rat Swiss Prot No:

P35745

Synthesized peptide derived from ACYP2 . at AA range: 40-120 Immunogen:

ACYP2 Polyclonal Antibody detects endogenous levels of ACYP2 protein. **Specificity:**

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Polyclonal, Rabbit, IgG Source:

Dilution: WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/2



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 18kD

Cell Pathway: Pyruvate metabolism;

Background : Acylphosphatase can hydrolyze the phosphoenzyme intermediate of different

membrane pumps, particularly the Ca2+/Mg2+-ATPase from sarcoplasmic reticulum of skeletal muscle. Two isoenzymes have been isolated, called muscle acylphosphatase and erythrocyte acylphosphatase on the basis of their tissue localization. This gene encodes the muscle-type isoform (MT). An increase of the MT isoform is associated with muscle differentiation. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq,

Feb 2016],

Function : catalytic activity: An acylphosphate + H(2)O = a carboxylate +

phosphate.,function:Its physiological role is not yet clear.,similarity:Belongs to the acylphosphatase family.,similarity:Contains 1 acylphosphatase-like domain.,

Subcellular Location:

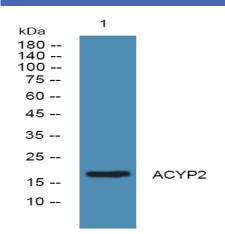
mitochondrion,

Expression : Heart, Muscle, Ovary,

Sort : 1723

No4:

Products Images



Western blot analysis of lysates from Jurkat cells, primary antibody was diluted at 1:1000, 4° over night