



ACYP2 rabbit pAb

Cat No.:ES8100

For research use only

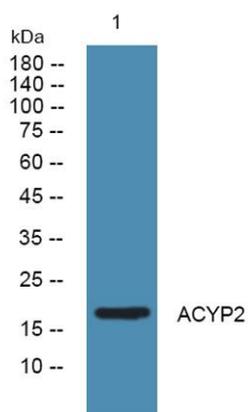
Overview

Product Name	ACYP2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from ACYP2 . at AA range: 40-120
Specificity	ACYP2 Polyclonal Antibody detects endogenous levels of ACYP2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Acylphosphatase-2
Gene Name	ACYP2
Cellular localization	mitochondrion,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	18kD
Human Gene ID	98
Human Swiss-Prot Number	P14621
Alternative Names	ACYP2; ACYP; Acylphosphatase-2; Acylphosphatase; muscle type isozyme; Acylphosphate phosphohydrolase 2
Background	Acylphosphatase can hydrolyze the phosphoenzyme intermediate of different membrane pumps, particularly the Ca ²⁺ /Mg ²⁺ -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],



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

