



# ACYP2 Polyclonal Antibody

|                           |  |
|---------------------------|--|
| <b>Catalog No</b>         | BYab-14642   |
| <b>Isotype</b>            | IgG  |
| <b>Reactivity</b>         | Human;Rat  |
| <b>Applications</b>       | WB;ELISA   |
| <b>Gene Name</b>          | ACYP2  |
| <b>Protein Name</b>       | Acylphosphatase-2  |
| <b>Immunogen</b>          | Synthesized peptide derived from ACYP2 . at AA range: 40-120   |
| <b>Specificity</b>        | ACYP2 Polyclonal Antibody detects endogenous levels of ACYP2 protein.  |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Source</b>             | Polyclonal, Rabbit,IgG   |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Dilution</b>           | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.  |
| <b>Concentration</b>      | 1 mg/ml  |
| <b>Purity</b>             | ≥90%   |
| <b>Storage Stability</b>  | -20°C/1 year   |
| <b>Synonyms</b>           | ACYP2; ACYP; Acylphosphatase-2; Acylphosphatase; muscle type isozyme; Acylphosphate phosphohydrolase 2   |
| <b>Observed Band</b>      | 18kD   |
| <b>Cell Pathway</b>       | mitochondrion,   |
| <b>Tissue Specificity</b> | Heart,Muscle,Ovary,  |
| <b>Function</b>           | 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.,   |
| <b>Background</b>         | Acylphosphatase can hydrolyze the phosphoenzyme intermediate of different membrane pumps, particularly the Ca <sup>2+</sup> /Mg <sup>2+</sup> -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, |

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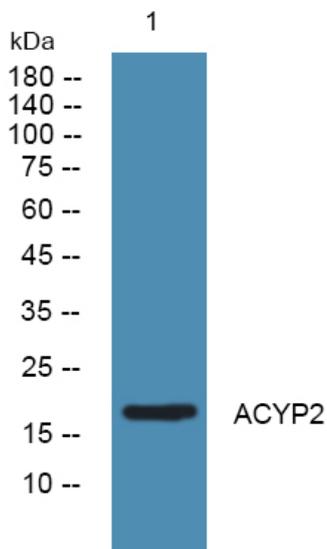
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



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