AMPD1 Polyclonal Antibody

Catalog Number:E-AB-12967

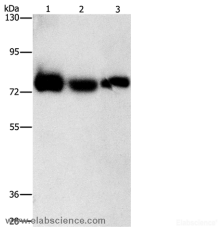
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human
Immunogen	Synthetic peptide of human AMPD1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

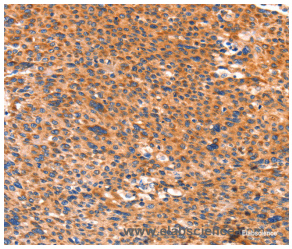
Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:100-1:300

Data

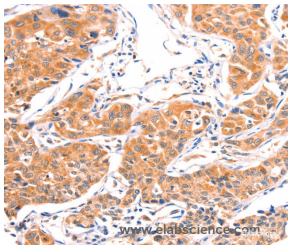


Western Blot analysis of Human fetal muscle tissue, K562 and hela cell using AMPD1 Polyclonal Antibody at dilution of 1:1600

Calculated Mw:90kDa



Immunohistochemistry of paraffin-embedded Human liver cancer using AMPD1 Polyclonal Antibody at dilution of 1:80



Immunohistochemistry of paraffin-embedded Human lung cancer using AMPD1 Polyclonal Antibody at dilution of 1:80

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

Adenosine monophosphate deaminase 1 catalyzes the deamination of AMP to IMP in skeletal muscle and plays an important role in the purine nucleotide cycle. Two other genes have been identified, AMPD2 and AMPD3, for the liver- and erythocyte-specific isoforms, respectively. Deficiency of the muscle-specific enzyme is apparently a common cause

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of exercise-induced myopathy and probably the most common cause of metabolic myopathy in the human. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene.

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