

AMPD1 Polyclonal Antibody

Catalog No. E-AB-16156

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

Description

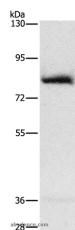
Reactivity	Human
Immunogen	Synthetic peptide of human AMPD1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications

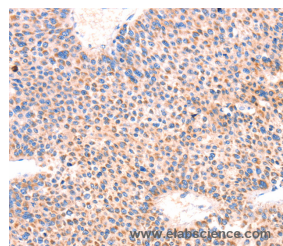
Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300

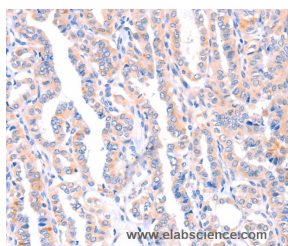
Data



Western Blot analysis of Human fetal muscle tissue 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 1:70



Immunohistochemistry of paraffin-embedded Human thyroid cancer using AMPD1 Polyclonal Antibody at dilution of 1:70

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

For Research Use Only

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 erythrocyte-specific isoforms, respectively. Deficiency of the muscle-specific enzyme is apparently a common cause 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.