AMPD1 Polyclonal Antibody

Catalog No. E-AB-62622

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

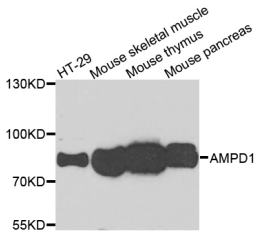
Description

Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human AMPD1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

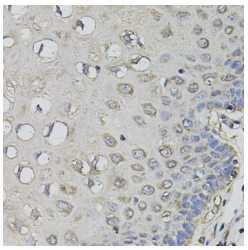
Applications Recommended Dilution

WB 1:500 - 1:2000
IHC 1:50 - 1:100

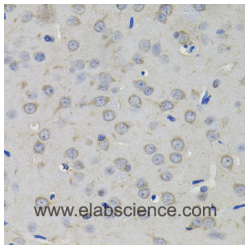
Data



Western blot analysis of extracts of various cell lines with AMPD1 Polyclonal Antibody
Observed Mw:80kDa
Calculated Mw:89kDa/90kDa



Immunohistochemistry of paraffin-embedded human esophagus with AMPD1 Polyclonal Antibody



Immunohistochemistry of paraffin-embedded rat brain with AMPD1 Polyclonal Antibody

Preparation & Storage

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

Background

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

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 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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