

AMPD1 Polyclonal Antibody

Cat No: HR1AP6637

For research use only

Overview

Product Name	AMPD1 Polyclonal Antibody
Source	Rabbit
Applications	IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GeneID?Human?	AMPD1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	AMPD1; AMP deaminase 1; AMP deaminase isoform M; Myoadenylate deaminase
Background	adenosine monophosphate deaminase 1(AMPD1) Homo sapiens 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.[provided by RefSeq, Feb 2010],