

AMPD3 antibody

Catalog No: #38841

Package Size: #38841-1 50ul #38841-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

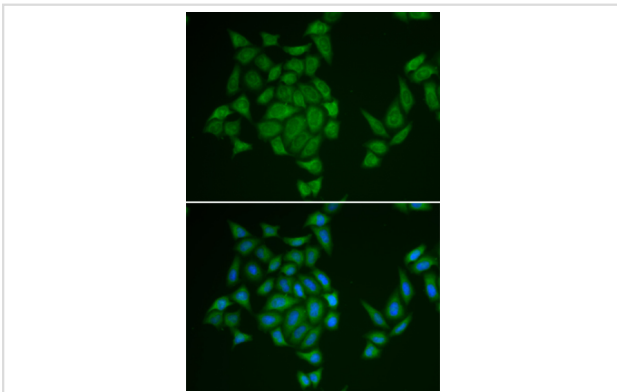
Description

Product Name	AMPD3 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	IF
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total AMPD3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human AMPD3.
Target Name	AMPD3
Accession No.	Swiss-Prot#: Q01432NCBI Gene ID: 272
Uniprot	Q01432
GeneID	272;
SDS-PAGE MW	88kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

IF □ 1:50 - 1:200

Images



Immunofluorescence analysis of HeLa cells using AMPD3 .
Blue: DAPI for nuclear staining.

Background

This gene encodes a member of the AMP deaminase gene family. The encoded protein is a highly regulated enzyme that catalyzes the hydrolytic

deamination of adenosine monophosphate to inosine monophosphate, a branch point in the adenylate catabolic pathway. This gene encodes the erythrocyte (E) isoforms, whereas other family members encode isoforms that predominate in muscle (M) and liver (L) cells. Mutations in this gene lead to the clinically asymptomatic, autosomal recessive condition erythrocyte AMP deaminase deficiency. Alternatively spliced transcript variants encoding different isoforms of this gene have been described.

Note: This product is for in vitro research use only