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AMPD3 Rabbit pAb

Catalog No.: A6354

Basic Information

Observed MW
89kDa

Calculated MW
89kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
272

Swiss Prot
Q01432

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human AMPD3 (NP_000471.1).

Synonyms
AMPD3

Contact

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Product Information

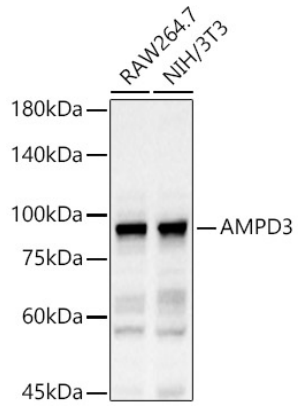
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates, using AMPD3 Rabbit pAb (A6354) at 1:1500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.