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AMPD3 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5263

Specification

AMPD3 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q01432
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**H=89,76,90,71 KDa**
Isotype	**Rabbit IgG**
Antigen Source	**HUMAN**

AMPD3 Antibody (Center) - Additional Information

Gene ID 272

Antigen Region
325-356

Other Names
AMPD3; AMP deaminase 3; AMP deaminase isoform E; Erythrocyte AMP deaminase

Dilution
WB~~ 1:1000

Target/Specificity
This AMPD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 325-356 amino acids from the Central region of human AMPD3.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
AMPD3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

AMPD3 Antibody (Center) - Protein Information

Name AMPD3 (HGNC:470)

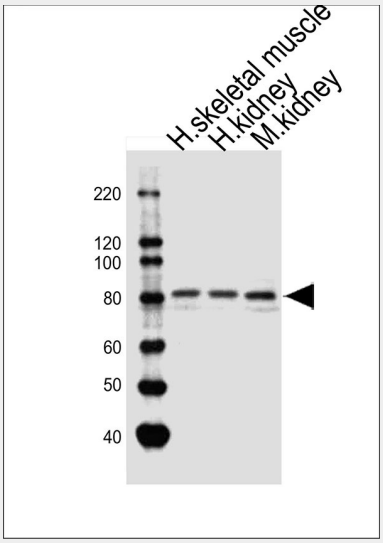
Function
AMP deaminase plays a critical role in energy metabolism.

AMPD3 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

AMPD3 Antibody (Center) - Images



Western blot analysis of lysates from human skeletal muscle,human kidney,mouse kidney tissue (from left to right), using AMPD3 Antibody (Center)(Cat. #AW5263). AW5263 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

AMPD3 Antibody (Center) - Background

AMPD3 is a member of the AMP deaminase gene family. This 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. The protein is the erythrocyte (E) isoforms, whereas other family members isoforms predominate in muscle (M) and liver (L) cells. Mutations in this gene lead to the clinically asymptomatic, autosomal recessive condition erythrocyte AMP deaminase deficiency.

AMPD3 Antibody (Center) - References

Mahnke-Zizelman D.K., Eddy R.Biochim. Biophys. Acta 1306:75-92(1996)
Yamada Y., Goto H., Wakamatsu N., Ogasawara N.Hum. Mutat. 17:78-78(2001)