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AMPD3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7869c

Specification

AMPD3 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q01432

AMPD3 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 272

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

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7869c was selected from the Center region of human AMPD3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AMPD3 Antibody (Center) Blocking Peptide - Protein Information

Name AMPD3 (HGNC:470)

Function
AMP deaminase plays a critical role in energy metabolism.

AMPD3 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

AMPD3 Antibody (Center) Blocking Peptide - Images

AMPD3 Antibody (Center) Blocking Peptide - Background

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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) Blocking Peptide - 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)