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Datasheet for ABIN1387095 **anti-AMPD3 antibody**

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | AMPD3 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AMPD3 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human AMPD3 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | AMPD3 |
| Alternative Name: | AMPD3 (AMPD3 Products) |
| Background: | Synonyms: Adenosine monophosphate deaminase isoform E, Adenosine monophosphate deaminase 3, AMP aminohydrolase, AMP deaminase 3, AMP deaminase isoform E, Ampd3, AMPD3_HUMAN, Erythrocyte AMP deaminase, Erythrocyte specic AMP deaminase, Erythrocyte |

Target Details

type AMP deaminase, Myoadenylate deaminase.

Background: AMP deaminase plays a critical role in energy metabolism. Involvement in disease Defects in AMPD3 are the cause of adenosine monophosphate deaminase deficiency erythrocyte type (AMPDDE), also known as erythrocyte AMP deaminase deficiency. AMPDDE is a metabolic disorder due to lack of activity of the erythrocyte isoform of AMP deaminase. It is a clinically asymptomatic condition characterized by a 50 % increase in steady-state levels of ATP in affected cells. Individuals with complete deficiency of erythrocyte AMP deaminase are healthy and have no hematologic disorders.

Gene ID: 272

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months