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Datasheet for ABIN1403182

anti-AMPD3 antibody (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	AMPD3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMPD3 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), 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 type AMP deaminase, Myoadenylate deaminase.

Target Details

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: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months