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Datasheet for ABIN7159934
anti-LETM1 antibody (AA 443-543) (Biotin)

Overview

Quantity:	100 µg
Target:	LETM1
Binding Specificity:	AA 443-543
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LETM1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Mitochondrial proton/calcium exchanger protein (443-543AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	LETM1
Alternative Name:	LETM1 (LETM1 Products)
Background:	Background: Mitochondrial proton/calcium antiporter that mediates proton-dependent calcium efflux from mitochondrion (PubMed:19797662). Crucial for the maintenance of mitochondrial

Target Details

tubular networks and for the assembly of the supercomplexes of the respiratory chain (PubMed:18628306). Required for the maintenance of the tubular shape and cristae organization (PubMed:18628306). In contrast to SLC8B1/NCLX, does not constitute the major factor for mitochondrial calcium extrusion (PubMed:24898248).

Aliases: LETM 1 antibody, LETM1 and EF hand domain containing protein 1, mitochondrial antibody, LETM1 and EF-hand domain-containing protein 1 antibody, Letm1 antibody, LETM1_HUMAN antibody, Leucine zipper EF hand containing transmembrane protein 1 antibody, Leucine zipper-EF-hand-containing transmembrane protein 1 antibody, Mdm38 homolog antibody, mitochondrial antibody

UniProt: [O95202](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.