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Datasheet for ABIN1421308
anti-LAPTM4A antibody (AA 110-140) (HRP)

Overview

Quantity:	100 µL
Target:	LAPTM4A
Binding Specificity:	AA 110-140
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAPTM4A antibody is conjugated to HRP
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LAPTM4A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	LAPTM4A
Alternative Name:	LAPTM4A (LAPTM4A Products)
Background:	Synonyms: Golgi 4 transmembrane spanning transporter MTP, Golgi 4-transmembrane-spanning transporter MTP, HUMORF13, KIAA0108, LAP4A_HUMAN, LAPTM4, LAPTM4A,

Target Details

Lysosomal associated protein transmembrane 4 alpha, Lysosomal associated transmembrane protein 4A, Lysosomal protein transmembrane 4 alpha, Lysosomal-associated transmembrane protein 4A, MBNT, Membrane nucleoside transporter, MTRP.

Background: Lysosomal-associated transmembrane protein 4A (LAPTM4A), also known as Golgi 4-transmembrane spanning transporter MTP, is a 233 amino acid protein belonging to the LAPTM5/LAPTM5 transporter family. LAPTM4A is subcellularly localized to the intracytoplasmic membrane and has the potential to reside in intracellular membrane-bound compartments. LAPTM4A is thought to function as a transporter of nucleosides and/or nucleoside derivatives between the cytosol and the lumen of intracellular compartments. LAPTM4A is predicted to have four transmembrane domains, with the C-terminal domain being required for retention of the protein within intracellular membranes. May function in the transport of nucleosides and/or nucleoside derivatives between the cytosol and the lumen of an intracellular membrane-bound compartment

Gene ID: 9741

UniProt: [Q15012](#)

Application Details

Application Notes: WB 1:300-5000

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Handling

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

Expiry Date: 12 months