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Datasheet for ABIN7465990
anti-LAMTOR1 antibody

Overview

Quantity:	100 µL
Target:	LAMTOR1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAMTOR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Full length human LAMTOR1 recombinant protein.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	LAMTOR1
Alternative Name:	late endosomal/lysosomal adaptor, MAPK and MTOR activator 1 (LAMTOR1 Products)
Background:	Late endosomal/lysosomal adaptor, MAPK and MTOR activator 1 , C11orf59 , PDRO , Ragulator1 , p18 , p27RF-Rho,Activates RHOA. Binds to CDKN1B and prevents interaction of CDKN1B and RHOA. This leaves RHOA in a form accessible to ARHGEF2, thereby promoting ARHGEF2-mediated exchange of GDP for GTP.

Target Details

Molecular Weight: 18 kDa

Gene ID: 55004

UniProt: [Q6IAA8](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: HeLa , SKNSH

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.69 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

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: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.