Datasheet for ABIN1885568

anti-PITRM1 antibody (AA 1-102)

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Overview

Quantity:	100 µL
Target:	PITRM1
Binding Specificity:	AA 1-102
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PITRM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 102 of human MAP2K1IP1
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PITRM1
Alternative Name:	MP1 (PITRM1 Products)
Background:	This gene encodes a scaffold protein that functions in the extracellular signal-regulated kinase (ERK) cascade.The protein is localized to late endosomes by the mitogen-activated protein-binding protein-interacting protein, and binds specifically to MAP kinase kinase MAP2K1/MEK1, MAP kinase MAPK3/ERK1, and MAP kinase MAPK1/ERK2.Studies of the orthologous gene in

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Target Details

	mouse indicate that it regulates late endosomal traffic and cell proliferation.Multiple transcript variants are expressed by this gene, but only one variant is thought to express a protein.[provided by RefSeq]
Molecular Weight:	14 kDa
Gene ID:	8649
NCBI Accession:	NM_021970, NP_068805
Pathways:	PI3K-Akt Signaling, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Suggested dilutions: Western blotting: 1.500-1.3000 Immunohistochemistry: 1.50-1.500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0).0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	Biohazard Informations: This product contains thimerosal which is hazardous.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.