Datasheet for ABIN6719429

anti-KIF20B antibody (AA 19-231)

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Overview

Quantity:	100 µg
Target:	KIF20B
Binding Specificity:	AA 19-231
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for MPP1/KIF20B detection. Tested with WB, Direct ELISA in Human,Mouse,Rat.
Immunogen:	E.coli-derived human MPP1/KIF20B recombinant protein (Position: A19-D231).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for MPP1/KIF20B detection. Tested with WB, Direct ELISA in Human,Mouse,Rat.
Purification:	Immunogen affinity purified.

Target Details

Target:	KIF20B

Target Details

Alternative Name:	KIF20B (KIF20B Products)
Background:	Synonyms: Kinesin-like protein KIF20B, Cancer/testis antigen 90, CT90, Kinesin family member 20B, Kinesin-related motor interacting with PIN1, M-phase phosphoprotein 1, MPP1, KIF20B, KRMP1 Background: Kinesin-like protein KIF20B is a protein that in humans is encoded by the KIF20B gene. The MPP1 gene is previously labeled as KIF20B. Palmitoylated membrane protein 1 is the prototype of a family of membrane-associated proteins termed MAGUKs (membrane-associated guanylate kinase homologs). MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. Palmitoylated membrane protein 1 contains a conserved sequence, called the SH3 (src homology 3) motif, found in several other proteins that associate with the cytoskeleton and are suspected to play important roles in signal transduction.
Gene ID:	9585
UniProt:	Q96Q89
Pathways:	M Phase

Application Details

Application Notes:	Application details: Western blot|0.1-0.5 µg/mL Direct ELISA|0.1-0.5 µg/mL
Comment:	Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month.

Handling

It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.