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Datasheet for ABIN7451841
anti-KIF4A antibody (C-Term)

Overview

Quantity:	20 µg
Target:	KIF4A
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF4A antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-KIF4A Antibody, Affinity Purified
Immunogen:	between AA 1182 and C-term
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	KIF4A
Alternative Name:	KIF4A (KIF4A Products)
Background:	Background: The kinesin superfamily of proteins consists of over forty KIF motor proteins that function in intracellular transport along microtubules. Kinesin activity has been linked to various

Target Details

cellular functions such as vesicle transport, mitotic spindle formation, chromosome segregation, and cytokinesis. Structurally, all kinesins contain a motor domain with microtubule and nucleotide binding sites that utilize ATP to target cargo along microtubule filaments. KIF14 silencing experiments suggest that KIF14 plays a multi-functional role in mitosis and cytokinesis. KIF4A has been shown to be essential for cytokinesis.

Gene ID: 24137

NCBI Accession: [NP_036442](#)

UniProt: [O95239](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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

Expiry Date: 12 months