

Datasheet for ABIN7451865
anti-KIF2C antibody (C-Term)



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Overview

Quantity:	20 µg
Target:	KIF2C
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF2C antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-MCAK Antibody, Affinity Purified
Immunogen:	between AA 675 and C-term
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	KIF2C
Alternative Name:	MCAK (KIF2C Products)
Background:	Background: Kinesin activity has been linked to various cellular functions such as vesicle transport, mitotic spindle formation, chromosome segregation, chromosome congression, and

Target Details

cytokinesis. Structurally, all kinesins contain a motor domain with microtubule and nucleotide binding sites that utilize ATP to target cargo along microtubule filaments. MCAK (Mitotic Centromere-Associated Kinesin) is the founding member of kinesin-13 proteins. There are 3 independent genes coding for kinesin-13 proteins kif2a, kif2b, and kif2c (MCAK). Instead of functioning as a translocator of microtubules MCAK is a depolymerizer that is primarily responsible for releasing improper microtubule-kinetochore attachments during cell division.

Gene ID:	11004
NCBI Accession:	NP_006836
UniProt:	Q99661
Pathways:	Microtubule Dynamics

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