Datasheet for ABIN7452359

anti-KIF4A antibody (AA 1-50)

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Overview

Quantity:	100 µg
Target:	KIF4A
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF4A antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-KIF4A Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Predicted Reactivity:	Mouse
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

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Target Details

	function in intracellular transport along microtubules. Kinesin activity has been linked to various 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: Not recommended. Use rabbit anti-KIF4A antibody ABIN7451841.
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 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