

Datasheet for ABIN7451838
anti-KIF22 antibody (AA 525-575)



[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	KIF22
Binding Specificity:	AA 525-575
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF22 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-KIF22/KID Antibody, Affinity Purified
Immunogen:	between AA 525 and 575
Isotype:	IgG
Predicted Reactivity:	Orangutan
Purification:	Affinity Purified

Target Details

Target:	KIF22
Alternative Name:	KIF22/KID (KIF22 Products)
Background:	Background: The kinesin superfamily of proteins consists of forty five KIF motor proteins that

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, chromosome congression, and cytokinesis. Structurally, all kinesins contain a motor domain with microtubule and nucleotide binding sites that utilize ATP to target cargo along microtubule filaments. KIF22/KID has been demonstrated to be required for proper chromosome alignment at the metaphase plate as well as spindle formation.

Gene ID:	3835
NCBI Accession:	NP_015556
UniProt:	Q14807

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