

KIF4A Antibody

Catalog No: #34591

Package Size: #34591-1 50ul #34591-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

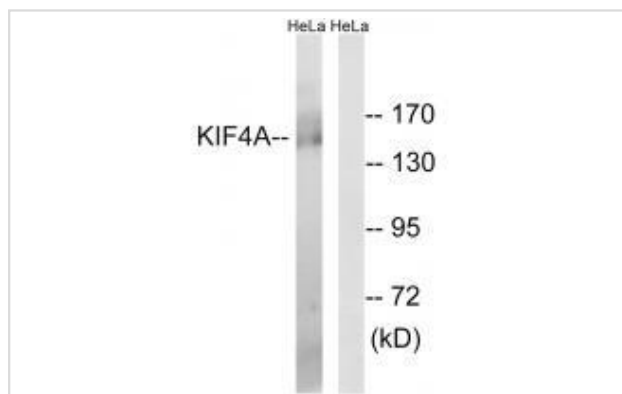
Description

Product Name	KIF4A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total KIF4A protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human KIF4A.
Target Name	KIF4A
Other Names	chromokinesin; chromosome-associated kinesin KIF4A; KIF4; KIF4-G1; kinesin family member 4
Accession No.	Swiss-Prot: O95239NCBI Gene ID: 24137
Uniprot	O95239
GeneID	24137;
SDS-PAGE MW	140kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HeLa cells, using KIF4A antibody #34591.

Background

Motor protein that translocates PRC1 to the plus ends of interdigitating spindle microtubules during the metaphase to anaphase transition, an essential step for the formation of an organized central spindle midzone and midbody and for successful cytokinesis. May play a role in mitotic chromosomal positioning and bipolar spindle stabilization.

Villard L., Submitted (AUG-1999) to the EMBL/GenBank/DDBJ databases.

Oh S.J., Biochim. Biophys. Acta 1493:219-224(2000).

Rentsch A., Submitted (FEB-2000) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only