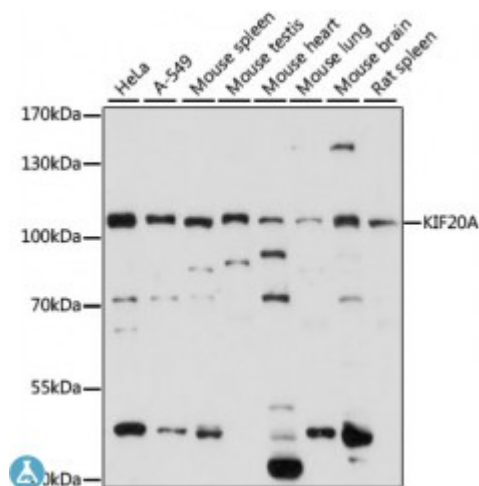


Anti-KIF20A Antibody



Model	STJ117572
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 591-890 of human KIF20A (NP_005724.1).
Gene ID	10112
Gene Symbol	KIF20A
Dilution range	WB 1:200 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Kinesin-like protein KIF20A GG10_2 Mitotic kinesin-like protein 2 MKlp2 Rab6-interacting kinesin-like protein Rabkinesin-6
Molecular Weight	100.278 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9787 OMIM:605664 Reactome:R-HSA-2132295
Alternative Names	Kinesin-like protein KIF20A GG10_2 Mitotic kinesin-like protein 2 MKlp2

Rab6-interacting kinesin-like protein Rabkinesin-6

Function

Mitotic kinesin required for chromosome passenger complex (CPC)-mediated cytokinesis, Following phosphorylation by PLK1, involved in recruitment of PLK1 to the central spindle, Interacts with guanosine triphosphate (GTP)-bound forms of RAB6A and RAB6B, May act as a motor required for the retrograde RAB6 regulated transport of Golgi membranes and associated vesicles along microtubules, Has a microtubule plus end-directed motility,

Cellular Localization

Golgi apparatus

**Post-translational
Modifications**

Phosphorylated by PLK1 at Ser-528 during mitosis, creating a docking site for PLK1 and recruiting PLK1 at central spindle,

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