

Anti-KIF23 antibody



Description	Unconjugated Rabbit polyclonal to KIF23
Model	STJ191905
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Gene ID	9493
Gene Symbol	KIF23
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	KIF23 Polyclonal Antibody detects endogenous levels of protein.
Purification	KIF23 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Kinesin-like protein KIF23 Kinesin-like protein 5 Mitotic kinesin-like protein 1
Molecular Weight	105 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6392OMIM:605064
Alternative Names	Kinesin-like protein KIF23 Kinesin-like protein 5 Mitotic kinesin-like protein 1
Function	Component of the centralspindlin complex that serves as a microtubule-dependent and Rho-mediated signaling required for the myosin contractile ring formation during the cell cycle cytokinesis. Essential for cytokinesis in Rho-mediated signaling. Required for the localization of ECT2 to the central spindle. Plus-end-directed motor enzyme that moves antiparallel microtubules in vitro.
Cellular Localization	Nucleus. Cytoplasm, cytoskeleton, spindle. Midbody, Midbody ring. Localizes to the interzone of mitotic spindles. Detected at the midbody during later stages of mitotic cytokinesis.
Post-translational Modifications	Ubiquitinated. Deubiquitinated by USP8/UBPY.

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