

MKLP1 Rabbit pAb

Catalog # AP53628

Product Information

Primary Accession	Q02241
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	110059

Additional Information

Gene ID	9493
Other Names	CHO1; KNSL5; MKLP1; MKLP-1
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

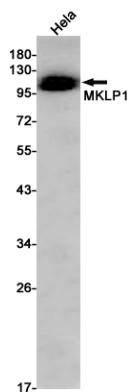
Protein Information

Name	KIF23
Synonyms	KNSL5, MKLP1
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 Location	Nucleus. Cytoplasm, cytoskeleton, spindle. Midbody, Midbody ring. Midbody. Note=Localizes to the interzone of mitotic spindles. Detected at the midbody during later stages of mitotic cytokinesis
Tissue Location	Widely expressed..

Background

Swiss-Prot Acc.Q02241.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.

Images



Western blot detection of MKLP1 in HeLa cell lysates using MKLP1 Rabbit pAb(1:1000 diluted). Predicted band size:110kDa.Observed band size:110kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.