



# KIF20A (phospho Ser528) rabbit pAb

Cat No.:ES4423

For research use only

## Overview

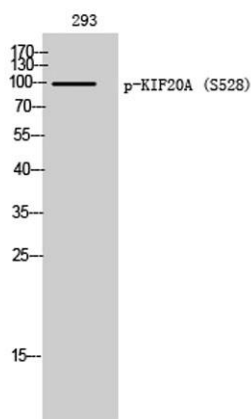
Product Name	KIF20A (phospho Ser528) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human KIF20A around the phosphorylation site of Ser528. AA range:501-550
Specificity	Phospho-KIF20A (S528) Polyclonal Antibody detects endogenous levels of KIF20A protein only when phosphorylated at S528.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Kinesin-like protein KIF20A
Gene Name	KIF20A
Cellular localization	Golgi apparatus . Cytoplasm, cytoskeleton, spindle . Localizes to the spindle midzone during anaphase and telophase. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	100kD
Human Gene ID	10112
Human Swiss-Prot Number	O95235
Alternative Names	KIF20A; MKLP2; RAB6KIFL; Kinesin-like protein KIF20A; GG10_2; Mitotic kinesin-like protein 2; MKlp2; Rab6-interacting kinesin-like protein; Rabkinesin-6



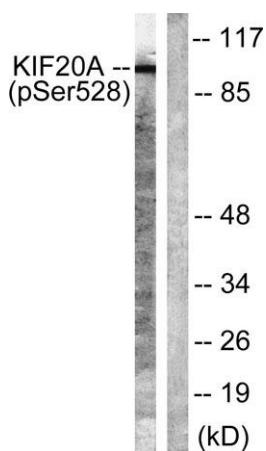


## Background

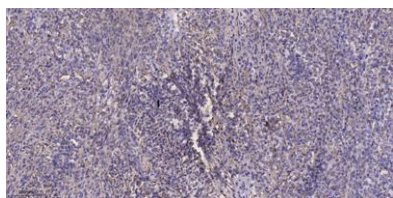
function: Interacts with guanosine triphosphate (GTP)-bound forms of RAB6A and RAB6B. May act as a motor required for the retrograde RAB6 regulated transport of Golgi membranes and associated vesicles along microtubules. Has a microtubule plus end-directed motility., similarity: Belongs to the kinesin-like protein family., similarity: Contains 1 kinesin-motor domain.,



Western Blot analysis of 293 cells using Phospho-KIF20A (S528) Polyclonal Antibody



Western blot analysis of lysates from 293 cells, using KIF20A (Phospho-Ser528) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).

