



KIF20A (phospho Ser528) Polyclonal Antibody

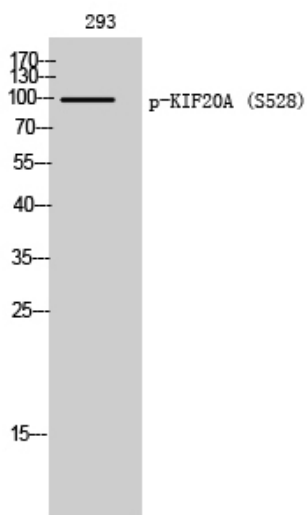
Catalog No	YP-Ab-03030
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	KIF20A
Immunogen	The antiserum was produced against synthesized peptide derived from human KIF20A around the phosphorylation site of Ser528. AA range:501-550
Specificity	Phospho-KIF20A (S528) Polyclonal 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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/5000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AA415432;FLJ21151;GG1 2;GG1_2;KI2A_HUMAN;KIF2A;kinesin family member 2A;Kinesin like protein KIF2A;Kinesin-like protein 174;Kinesin-like protein KIF2A;mitotic kinesin like protein 2;Mitotic kinesin-like protein 2;MKlp2;OTTHUMP159481;RAB6 interacting;kinesin like (rabkinesin6);Rab6-interacting kinesin-like protein;RAB6-INTERACTING PROTEIN;KINESIN-LIKE;RAB6KIFL;Rabkinesin 6;Rabkinesin-6;KIF20A;Kinesin-like protein KIF20A;GG10_2
Observed Band	100kD
Calculated Molecular Weight	100kD
Cell Pathway	Golgi apparatus . Cytoplasm, cytoskeleton, spindle . Localizes to the spindle midzone during anaphase and telophase. .
Tissue Specificity	Brain,Endothelial cell,Epithelium,Uterus,
Function	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.,



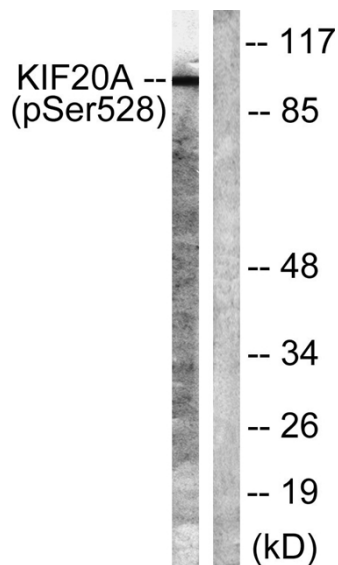
Background	function:Interacts with guanosine triphosphate (GTP)-bound forms of RAB6A and RAB6B. May act as a motor required for the retrograde RAB6 regulated transport of Golgi membranes and associated vesicles along microtubules. Has a microtubule plus end-directed motility.,similarity:Belongs to the kinesin-like protein family.,similarity:Contains 1 kinesin-motor domain.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



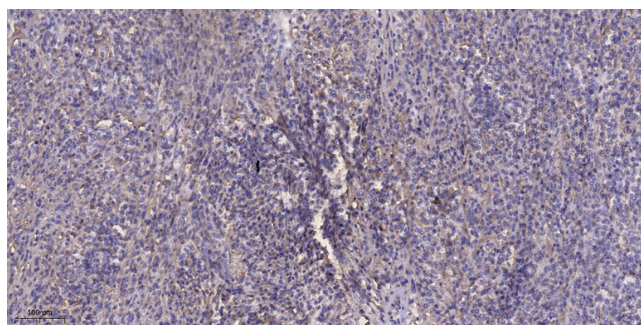
Products Images



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).