KIF5A Rabbit Polyclonal Antibody

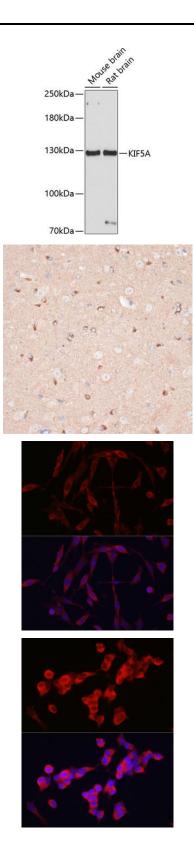
CAB3303

lgG

Purification: Affinity purification



Product Information	Protein Background
Size:	This gene encodes a member of the kinesin family of proteins. Members of this family are part
20uL, 50uL, 100uL, 200uL	of a multisubunit complex that functions as a microtubule motor in intracellular organell transport. Mutations in this gene cause autosomal dominant spastic paraplegia 10.
Observed MW:	Immunogen information
129kDa	
Calculated MW:	Gene ID: 3798
117kDa	Uniprot
Applications:	Q12840
WB IHC IF	
Reactivity:	Synonyms: KIF5A; D12S1889; MY050; NEIMY; NKHC; SPG10
Human, Mouse, Rat	
	Immunogen:
Antibody Information	Recombinant fusion protein containing a sequence corresponding
Recommended dilutions: WB 1:1000 - 1:3000 IHC	to amino acids 933-1032 of human KIF5A (NP_004975.2).
1:50 - 1:200 IF 1:50 - 1:200	Storage:
Source: Rabbit	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Isotype:	



Western blot analysis of extracts of various cell lines, using KIF5A antibody (CAB3303) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Immunohistochemistry of paraffin-embedded mouse brain using KIF5A antibody (CAB3303) at dilution of 1:100 (40x lens).

Immunofluorescence analysis of PC-12 cells using KIF5A Rabbit pAb (CAB3303) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.

Immunofluorescence analysis of SH-SY5Y cells using KIF5A Rabbit pAb (CAB3303) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.