KATNA1 antibody

Product Information

Catalog No.:	FNab04469
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Catalytic subunit of a complex which severs microtubules in an ATP-dependent manner. Microtubule severing may promote rapid reorganization of cellular microtubule arrays and the release of microtubules from the centrosome following nucleation. Microtubule release from the mitotic spindle poles may allow depolymerization of the microtubule end proximal to the spindle pole, leading to poleward microtubule flux and poleward motion of chromosome. Microtubule release within the cell body of neurons may be required for their transport into neuronal processes by microtubule-dependent motor proteins. This transport is required for axonal growth.

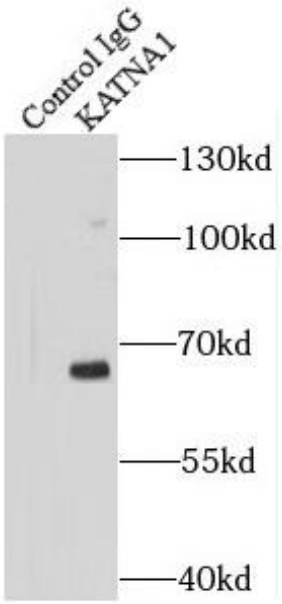
Immunogen information

Immunogen:	katanin p60(ATPase-containing) subunit A 1
Synonyms:	Katanin p60 ATPase-containing subunit A1 (Katanin p60 subunit A1)|p60 katanin|KATNA1
Observed MW:	55-60 kDa
Uniprot ID :	O75449

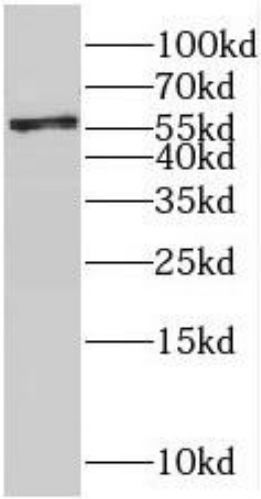
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:2000

Image:



IP Result of anti-KATNA1 (IP:FNab04469, 4ug; Detection:FNab04469 1:500) with mouse brain tissue lysate 3440ug.



mouse lung tissue were subjected to SDS PAGE followed by western blot with FNab04469(KANK2 antibody) at dilution of 1:800