

## anti- CLASP2 antibody

### Product Information

Catalog No.:	FNab01731
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°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Microtubule plus-end tracking protein that promotes the stabilization of dynamic microtubules(PubMed:26003921). Involved in the nucleation of noncentrosomal microtubules originating from the trans-Golgi network(TGN). Required for the polarization of the cytoplasmic microtubule arrays in migrating cells towards the leading edge of the cell. May act at the cell cortex to enhance the frequency of rescue of depolymerizing microtubules by attaching their plus-ends to cortical platforms composed of ERC1 and PHLDB2(PubMed:16824950). This cortical microtubule stabilizing activity is regulated at least in part by phosphatidylinositol 3-kinase signaling. Also performs a similar stabilizing function at the kinetochore which is essential for the bipolar alignment of chromosomes on the mitotic spindle(PubMed:16866869, PubMed:16914514). Acts as a mediator of ERBB2-dependent stabilization of microtubules at the cell cortex.

### Immunogen information

Immunogen:	cytoplasmic linker associated protein 2
Synonyms:	KIAA0627
Observed MW:	140-160 kDa
UniprotID :	O75122

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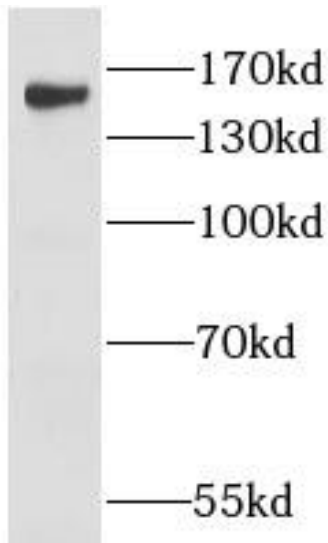
## Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



Human brain tissue were subjected to SDS PAGE followed by western blot with FNab01731(CLASP2 antibody) at dilution of 1:1000

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