

## PACSIN1 antibody

### Product Information

Catalog No.:	FNab06100
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

Plays a role in the reorganization of the microtubule cytoskeleton via its interaction with MAPT; this decreases microtubule stability and inhibits MAPT-induced microtubule polymerization. Plays a role in cellular transport processes by recruiting DNM1, DNM2 and DNM3 to membranes. Plays a role in the reorganization of the actin cytoskeleton and in neuron morphogenesis via its interaction with COBL and WASL, and by recruiting COBL to the cell cortex. Plays a role in the regulation of neurite formation, neurite branching and the regulation of neurite length. Required for normal synaptic vesicle endocytosis; this process retrieves previously released neurotransmitters to accommodate multiple cycles of neurotransmission. Required for normal excitatory and inhibitory synaptic transmission(By similarity). Binds to membranes via its F-BAR domain and mediates membrane tubulation.

### Immunogen information

Immunogen:	protein kinase C and casein kinase substrate in neurons 1
Synonyms:	Protein kinase C and casein kinase substrate in neurons protein 1 Syndapin-1 PACSIN1 KIAA1379
Observed MW:	48-51 kDa
Uniprot ID :	Q9BY11

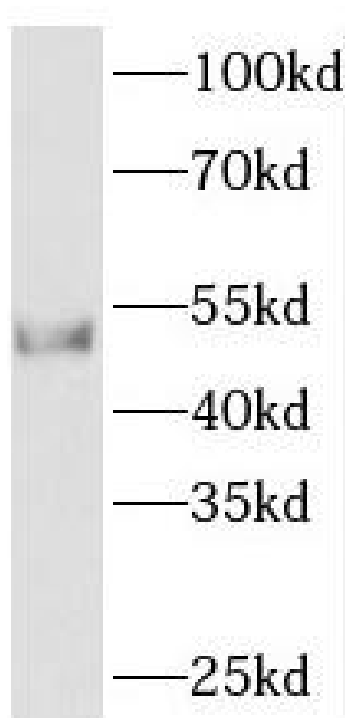
### Application

Reactivity:	Human, Mouse, Rat
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Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:500-1:2000; IF: 1:20-1:200

Image:



mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with FNab06100( PACSIN1 Antibody) at dilution of 1:1000