

Anti-PACSIN1 Polyclonal Antibody

Cat: K109792P

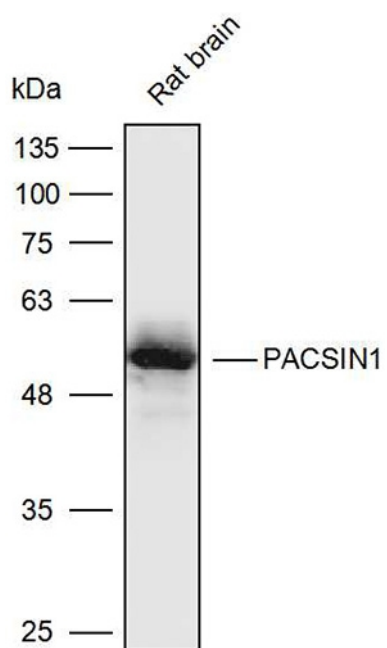
Summary:

【Product name】 : Anti-PACSIN1 Antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat
【Swiss Prot】 : Q9BY11	【Gene ID】 : 29993
【Calculated】 : MW:51kDa	【Observed】 : MW:54kDa
【Purification】 : Affinity purification	
【Tested applications】 : WB	
【Recommended dilution】 : WB 1:8000-12000.	
【WB Positive sample】 : Rat brain	
【Subcellular location】 : Cytoplasm	
【Immunogen】 : Recombinant protein of human PACSIN1	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

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.

Verified picture



Western blot analysis with PACSIN1
antibody diluted at 1:10000; Lane: Rat brain