

For Research Use Only

CLSTN3 Recombinant antibody, PBS Only



Catalog Number: 83931-1-PBS

Basic Information

Catalog Number: 83931-1-PBS	GenBank Accession Number: BC039075	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9746	CloneNo.: 240865C10
Source: Rabbit	UNIPROT ID: Q9BQT9	
Isotype: IgG	Full Name: calsyntenin 3	
Immunogen Catalog Number: AG14897	Calculated MW: 968 aa, 107 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, rat

Background Information

Calsyntenins, also called alcadeins, are cadherin superfamily proteins first identified as synaptic proteins (PMID: 11161476; 12498782). Calsyntenins are type I transmembrane proteins with extracellular domains containing two cadherin repeats and an LNS (laminin, neuexin, sex hormone-binding globulin) domain (PMID: 24613359). Calsyntenin-3 (CLSTN3, also known as alcadein-beta) is a synapse-organizing protein that promotes the development of synapses. It is a postsynaptic adhesion molecule that binds to presynaptic neuexins to mediate both excitatory and inhibitory synapse formation (PMID: 25352602; 24613359).

Storage

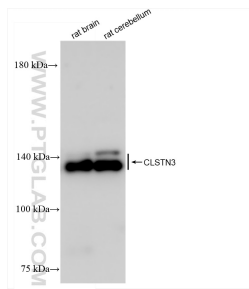
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83931-1-RR (CLSTN3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83931-1-PBS in a different storage buffer formulation.