

For Research Use Only

Intersectin 1 Polyclonal antibody, PBS Only

Catalog Number: 21862-1-PBS



Basic Information

Catalog Number: 21862-1-PBS	GenBank Accession Number: BC116186	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6453	
Source: Rabbit	UNIPROT ID: Q15811	
Isotype: IgG	Full Name: intersectin 1 (SH3 domain protein)	
Immunogen Catalog Number: AG16517	Calculated MW: 1721 aa, 195 kDa	
	Observed MW: 150 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

Intersectin 1 (ITSN1) is a multidomain adaptor protein that plays a crucial role in various cellular processes, particularly in the nervous system. It is involved in clathrin-mediated endocytosis, signal transduction, and the regulation of the actin cytoskeleton. The protein is highly abundant in neurons and has been implicated in neurodevelopmental disorders, such as autism spectrum disorders, intellectual disability, and epilepsy. Recent studies have identified de novo variants in the ITSN1 gene in patients with these disorders, suggesting a link between ITSN1 and brain development.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

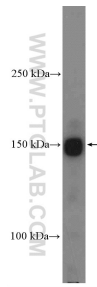
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

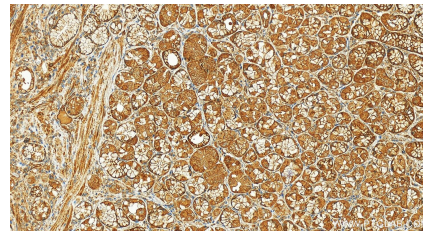
E: proteintech@ptglab.com
W: ptglab.com

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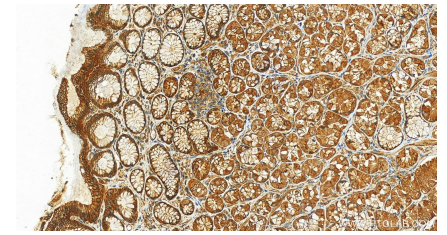
Selected Validation Data



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 21862-1-AP (Intersectin 1 antibody at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21862-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 21862-1-AP (Intersectin 1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21862-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 21862-1-AP (Intersectin 1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21862-1-PBS in a different storage buffer formulation.