

For Research Use Only

SYNJ2 Polyclonal antibody

Catalog Number: 30391-1-AP



Basic Information

Catalog Number: 30391-1-AP	GenBank Accession Number: BC043277	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 8871	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: O15056	IHC 1:200-1:800
Isotype: IgG	Full Name: synaptojanin 2	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG33002	Calculated MW: 1496 aa, 166 kDa	
	Observed MW: 143 kDa, 160 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HEK-293 cells, Jurkat cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse small intestine tissue,
	IF/ICC : U-251 cells,

Background Information

SYNJ2(Synaptojanin-2) is also named as KIAA0348 and belongs to the synaptojanin family. SYNJ2 encodes an inositol polyphosphate phosphatase that functions in recycling neurotransmitter vesicles and is implicated in spermatogenesis(PMID: 24103750). This protein has 3 isoforms produced by alternative splicing.

Storage

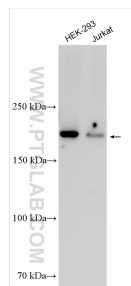
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

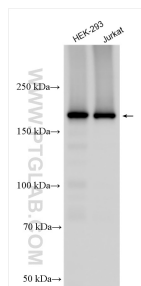
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

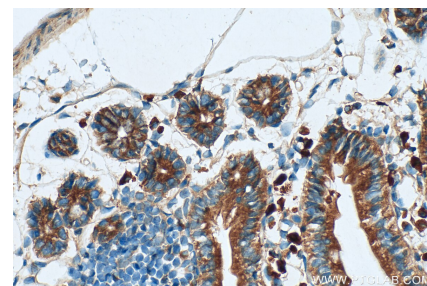
Selected Validation Data



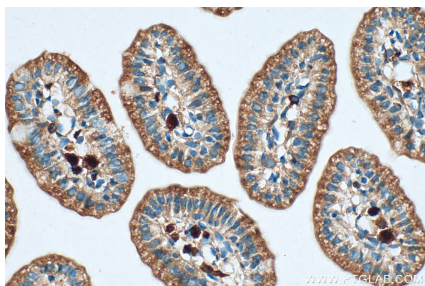
Various lysates were subjected to SDS PAGE followed by western blot with 30391-1-AP (SYNJ2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



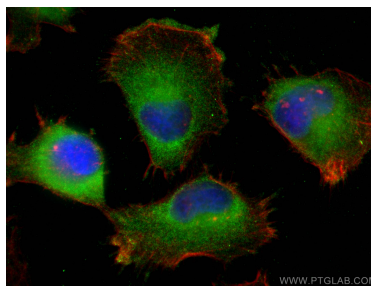
Various lysates were subjected to SDS PAGE followed by western blot with 30391-1-AP (SYNJ2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 30391-1-AP (SYNJ2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 30391-1-AP (SYNJ2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using SYNJ2 antibody (30391-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).