

For Research Use Only

# SYNJ2 Polyclonal antibody

Catalog Number: 30391-1-AP



## Basic Information

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

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, Jurkat cells IHC : mouse small intestine tissue, IF : SH-SY5Y cells,
<b>Species Specificity:</b> Human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

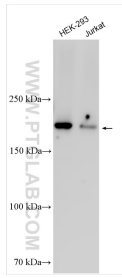
For technical support and original validation data for this product please contact:

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

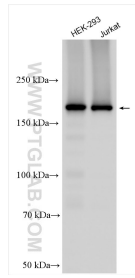
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

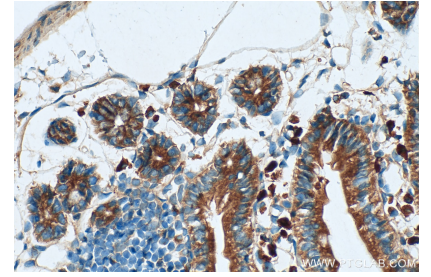
## Selected Validation Data



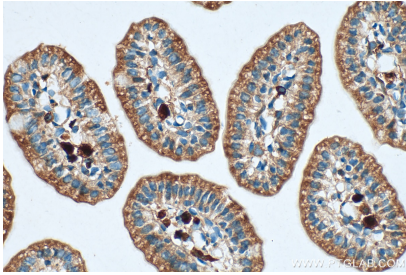
Various lysates were subjected to SDS PAGE followed by western blot with 30391-1-AP (SYNJ2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



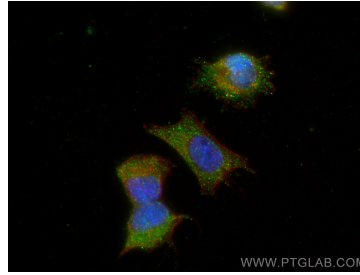
Various lysates were subjected to SDS PAGE followed by western blot with 30391-1-AP (SYNJ2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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 SH-SY5Y cells using SYNJ2 antibody (30391-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).