

For Research Use Only

Multi-rAb® SYNJ2BP Multi-Recombinant antibody

Catalog Number: RMX00068



Basic Information

| | | |
|--|---|---|
| Catalog Number: RMX00068 | GenBank Accession Number: BC007704 | Purification Method: N/A |
| Size: 100ul , Concentration: 1070 µg/ml by Nanodrop; | GeneID (NCBI): 55333 | Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:200-1:800 IF/ICC: 1:250-1:1000 |
| Source: Rabbit | UNIPROT ID: P57105 | |
| Isotype: IgG | Full Name: synaptojanin 2 binding protein | |
| | Calculated MW: 145 aa, 16 kDa | |
| | Observed MW: 16 kDa | |

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: A549 cells, mouse kidney tissue, HEK-293 cells, SGC-7901 cells, mouse liver tissue, rat kidney tissue

IHC: mouse liver tissue,

IF/ICC: HepG2 cells,

Background Information

Activin, a member of the TGF-beta superfamily, plays important roles in reproductive tissues as a stimulator of follicle-stimulating hormone (FSH) secretion and inhibits the proliferation of breast cancer cells. Activin receptor-interacting protein 2 (ARIP2), also known as synaptojanin-2-binding protein (SYNJ2BP), is located in the outer membrane of mitochondria. SYNJ2BP is widely distributed in various human tissues, and has been recently identified in mouse tissues as a regulatory protein of activin signal transduction by interacting with activin type II receptors. SYNJ2BP may be a putative growth-promoting factor involved in breast tumorigenesis and tumor development. (PMID: 23284606).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

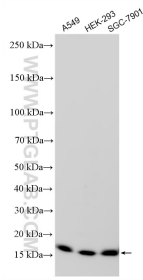
For technical support and original validation data for this product please contact:

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

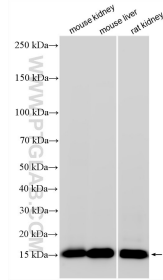
E: proteintech@ptglab.com
W: ptglab.com

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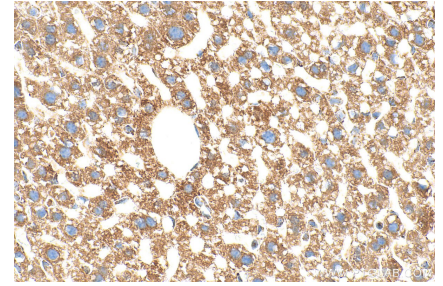
Selected Validation Data



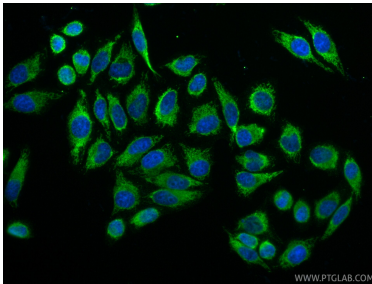
Various lysates were subjected to SDS PAGE followed by western blot with RMX00068 (ARIP2; SYNJ2BP antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



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Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using RMX00068 (ARIP2; SYNJ2BP antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ARIP2; SYNJ2BP antibody (RMX00068) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).