

For Research Use Only

SYNJ2BP Recombinant antibody

Catalog Number: 85870-4-RR



Basic Information

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| Catalog Number: 85870-4-RR | GenBank Accession Number: BC007704 | Purification Method: Protein A purification |
| Concentration: 1000 µg/ml | GeneID (NCBI): 55333 | CloneNo.: 250205D7 |
| Source: Rabbit | UNIPROT ID: P57105 | Recommended Dilutions: WB 1:2000-1:10000 IF/ICC 1:250-1:1000 |
| Isotype: IgG | Full Name: synaptojanin 2 binding protein | |
| Immunogen Catalog Number: AG8130 | Calculated MW: 145 aa, 16 kDa Observed MW: 16 kDa | |

Applications

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|--|---|
| Tested Applications: WB, IF/ICC, ELISA | Positive Controls: |
| Species Specificity: human, rat | WB : A549 cells, rat kidney tissue, SGC-7901 cells, SH-SY5Y cells, human heart tissue IF/ICC : HeLa 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. A double band of size 15.9 kDa can be detected in Western blot (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, pH7.3
Aliquoting is unnecessary for -20°C storage

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

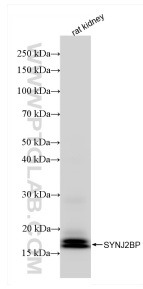
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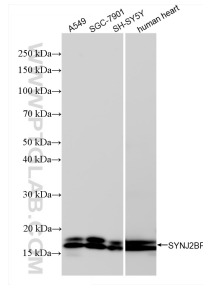
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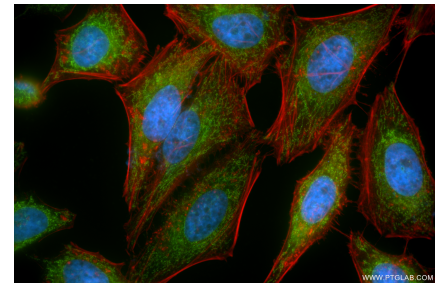
Selected Validation Data



Rat kidney tissue lysates were subjected to SDS PAGE followed by western blot with 85870-4-RR (ARIP2; SYNJB2BP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 85870-4-RR (ARIP2; SYNJ2BP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using ARIP2; SYNJ2BP antibody (85870-4-RR, Clone: 250205D7) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).