

DATASHEET

Synaptojanin-1 Rabbit Polyclonal Antibody

CAT. NO. APA17037

KEY FEATURES

| | | | |
|---------------|---|---------------|---------------------|
| Target | Synaptojanin-1 | Source / Host | Rabbit |
| Reactivity | Human, Rat | Clonality | Polyclonal |
| Applications | WB | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at -20°C |

BACKGROUND

Phosphatase that acts on various phosphoinositides, including phosphatidylinositol 4-phosphate, phosphatidylinositol (4,5)-bisphosphate and phosphatidylinositol (3,4,5)-trisphosphate -bisphosphate and phosphatidylinositol (3,4,5)-trisphosphate . Has a role in clathrin-mediated endocytosis . Hydrolyzes PIP2 bound to actin regulatory proteins resulting in the rearrangement of actin filaments downstream of tyrosine kinase and ASH/GRB2 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

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|----|----------------|
| WB | 1:500 - 1:2000 |
|----|----------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

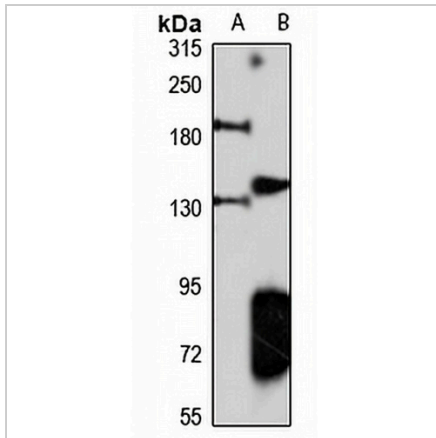
| | |
|-------------------|---|
| Description | Rabbit polyclonal antibody to Synaptojanin-1 |
| Specificity | Recognizes endogenous levels of Synaptojanin-1 protein |
| Antibody Type | Primary antibody |
| Immunogen | KLH-conjugated synthetic peptide of human Synaptojanin-1. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 173 kD; Observed: 140 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | KIAA0910; Synaptojanin-1; Synaptic inositol 1 4 5-trisphosphate 5-phosphatase 1 |
| Gene Symbol | SYNJ1 |
| Entrez Gene | 8867(Human); 85238(Rat) |
| SwissProt | O43426(Human); Q62910(Rat) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of Synaptojanin-1 expression in Jurkat (A), rat brain (B) whole cell lysates. (Predicted band size: 173 kD; Observed band size: 140 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.