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SYNJ1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21838b

Specification

SYNJ1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	O43426
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**173103**

SYNJ1 Antibody (C-term) - Additional Information

Gene ID 8867

Other Names
Synaptojanin-1, Synaptic inositol 1, 5-trisphosphate 5-phosphatase 1, SYNJ1, KIAA0910

Target/Specificity
This SYNJ1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1148-1182 amino acids from the C-terminal region of human SYNJ1.

Dilution
WB~~1:1000-1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SYNJ1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SYNJ1 Antibody (C-term) - Protein Information

Name SYNJ1

Synonyms KIAA0910

Function Phosphatase that acts on various phosphoinositides, including phosphatidylinositol 4-phosphate, phosphatidylinositol (4,5)- bisphosphate and phosphatidylinositol

(3,4,5)-trisphosphate (PubMed:27435091, PubMed:23804563). Has a role in clathrin-mediated endocytosis (By similarity). Hydrolyzes PIP2 bound to actin regulatory proteins resulting in the rearrangement of actin filaments downstream of tyrosine kinase and ASH/GRB2 (By similarity).

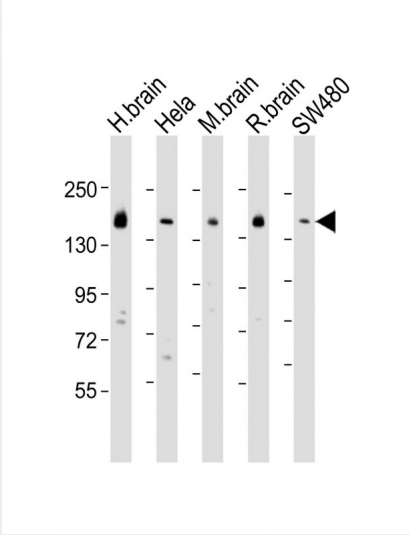
Cellular Location
Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:O18964}

SYNJ1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SYNJ1 Antibody (C-term) - Images



All lanes : Anti-SYNJ1 Antibody (C-term) at 1:1000-1:2000 dilution Lane 1: human brain lysate Lane 2: Hela whole cell lysate Lane 3: mouse brain lysate Lane 4: rat brain lysate Lane 5: SW480 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 173 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

SYNJ1 Antibody (C-term) - Background

Inositol 5-phosphatase which has a role in clathrin- mediated endocytosis.

SYNJ1 Antibody (C-term) - References

Haffner C.,et al.FEBS Lett. 419:175-180(1997).
Nagase T.,et al.DNA Res. 5:355-364(1998).
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Hattori M.,et al.Nature 405:311-319(2000).
Cestra G.,et al.J. Biol. Chem. 274:32001-32007(1999).