

SYNJ1 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21432b**Specification**

SYNJ1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O43426
Reactivity	Human
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 1517-1551 amino acids from the C-terminal region of human SYNJ1.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

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:[23804563](#), PubMed:[27435091](#)). 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).

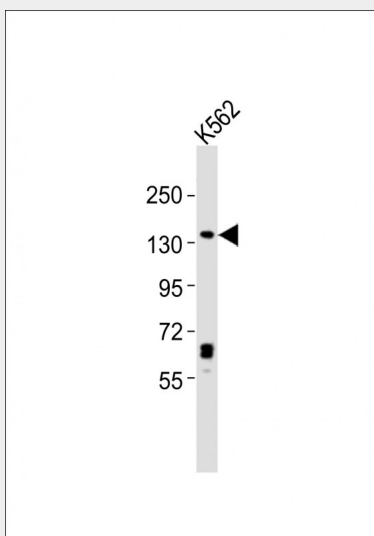
Cellular Location

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 Cytometry](#)
- [Cell Culture](#)

SYNJ1 Antibody (C-term) - Images

Anti-SYNJ1 Antibody (C-term) at 1:2000 dilution + K562 whole cell lysates. 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).
Nakajima D., et al. DNA Res. 9:99-106(2002).
Hattori M., et al. Nature 405:311-319(2000).

Cestra G.,et al.J. Biol. Chem. 274:32001-32007(1999).