

SYAP1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17291b

Specification

SYAP1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O96A49
Other Accession	NP_116185.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	39933
Antigen Region	210-238

SYAP1 Antibody (C-term) - Additional Information

Gene ID 94056

Other Names

Synapse-associated protein 1, SYAP1

Target/Specificity

This SYAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 210-238 amino acids from the C-terminal region of human SYAP1.

Dilution

WB~~1:1000

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

SYAP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SYAP1 Antibody (C-term) - Protein Information

Name SYAP1 ([HGNC:16273](#))

Function Plays a role in adipocyte differentiation by promoting mTORC2-mediated phosphorylation of AKT1 at 'Ser-473' after growth factor stimulation (PubMed:[23300339](#)).

Cellular Location

Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q9D5V6}. Golgi apparatus {ECO:0000250|UniProtKB:Q9D5V6}. Perikaryon {ECO:0000250|UniProtKB:Q9D5V6}. Cell projection, axon {ECO:0000250|UniProtKB:Q9D5V6}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q9D5V6}. Cell projection, growth cone {ECO:0000250|UniProtKB:Q9D5V6}. Presynaptic cell membrane {ECO:0000250|UniProtKB:Q9D5V6}. Postsynaptic cell membrane {ECO:0000250|UniProtKB:Q9D5V6}. Membrane Note=Localizes to cholinergic neuromuscular junctions and in actin-rich growth cone regions (By similarity). Membrane-associated in a epidermal growth factor (EGF)-dependent manner (PubMed:23300339) {ECO:0000250|UniProtKB:Q9D5V6, ECO:0000269|PubMed:23300339}

Tissue Location

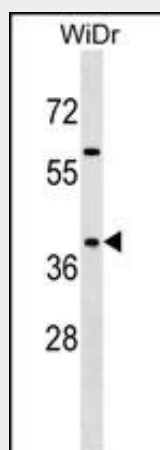
Expressed in heart, placenta, lung, liver, skeletal muscle, kidney and pancreas (PubMed:23300339)

SYAP1 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](#)

SYAP1 Antibody (C-term) - Images



SYAP1 Antibody (C-term) (Cat. #AP17291b) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the SYAP1 antibody detected the SYAP1 protein (arrow).

SYAP1 Antibody (C-term) - Background

Synapse-associated protein 1 is a protein that in humans is encoded by the SYAP1 gene.

SYAP1 Antibody (C-term) - References

Olsen, J.V., et al. Cell 127(3):635-648(2006)

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Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)

Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)

Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)