

STAC Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18394b**Specification**

STAC Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O99469
Other Accession	A0JNJ1 , NP_003140.1
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44554
Antigen Region	279-305

STAC Antibody (C-term) - Additional Information**Gene ID** 6769**Other Names**

SH3 and cysteine-rich domain-containing protein, Src homology 3 and cysteine-rich domain-containing protein, STAC

Target/Specificity

This STAC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 279-305 amino acids from the C-terminal region of human STAC.

Dilution

WB~~1:1000

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

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

STAC Antibody (C-term) - Protein Information**Name** STAC

Synonyms STAC1 {ECO:0000303|PubMed:29078335}

Function Promotes expression of the ion channel CACNA1H at the cell membrane, and thereby contributes to the regulation of channel activity. Plays a minor and redundant role in promoting the expression of calcium channel CACNA1S at the cell membrane, and thereby contributes to increased channel activity. Slows down the inactivation rate of the calcium channel CACNA1C.

Cellular Location

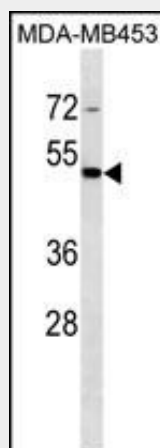
Cytoplasm, cytosol {ECO:0000250|UniProtKB:P97306}. Cell membrane {ECO:0000250|UniProtKB:P97306}; Peripheral membrane protein {ECO:0000250|UniProtKB:P97306}; Cytoplasmic side {ECO:0000250|UniProtKB:P97306}. Cell membrane, sarcolemma {ECO:0000250|UniProtKB:P97306}; Peripheral membrane protein {ECO:0000250|UniProtKB:P97306}; Cytoplasmic side {ECO:0000250|UniProtKB:P97306}

STAC 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](#)

STAC Antibody (C-term) - Images



STAC Antibody (C-term) (Cat. #AP18394b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the STAC Antibody detected the STAC protein (arrow).

STAC Antibody (C-term) - Background

STAC is probably involved in a neuron-specific signal transduction.

STAC Antibody (C-term) - References

Petek, E., et al. Cytogenet. Cell Genet. 84 (3-4), 184-185 (1999) :
Suzuki, H., et al. Biochem. Biophys. Res. Commun. 229(3):902-909(1996)