

# STAC Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP18394b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q99469</a>
<b>Other Accession</b>	<a href="#">A0JN1</a> , <a href="#">NP_003140.1</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB38415
<b>Calculated MW</b>	44554
<b>Antigen Region</b>	279-305

## Additional Information

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<b>Gene ID</b>	6769
<b>Other Names</b>	SH3 and cysteine-rich domain-containing protein, Src homology 3 and cysteine-rich domain-containing protein, STAC
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	STAC Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	STAC
<b>Synonyms</b>	STAC1 {ECO:0000303   PubMed:29078335}

<b>Function</b>	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.
<b>Cellular Location</b>	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}

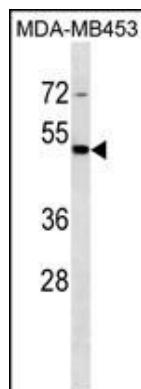
## Background

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

## 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)

## 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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.