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STAC Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18394b

Product Information

Application	WB, E
Primary Accession	Q99469
Other Accession	A0JNJ1, NP_003140.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38415
Calculated MW	44554
Antigen Region	279-305

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.

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}

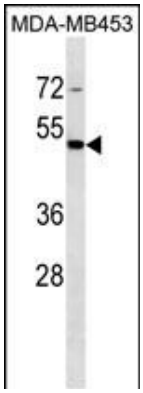
Background

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'.