



Rabbit Anti-STAC antibody

SL10761R

Product Name:	STAC
Chinese Name:	STAC1 蛋白抗体
Alias:	SH3 and cysteine rich domain; SH3 and cysteine rich domain containing protein; SRC homology 3 and cysteine rich domain protein; Src homology three (SH3) and cysteine rich domain; STAC 1; STAC1; STAC-1; FLJ32331; STAC_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human STAC:21-120/402
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	STAC is a 402 amino acid protein that contains one SH3 (Src homology 3) domain and one cysteine-rich domain (CRD). Expressed in brain, STAC is a neuron-specific protein that localizes to the cytoplasm and, based on the frequent involvement of SH3 and CRD domains in signal transduction, is believed to play a role in neuron-specific signal transduction. In addition, STAC may be involved in protecting cells from apoptosis. Due

to its neuron-specific expression and putative role in signal transduction, STAC may be implicated in a variety of hereditary neurological diseases.

Function:

Probably involved in a neuron-specific signal transduction.

Subcellular Location:

Cytoplasmic.

Similarity:

Contains 1 phorbol-ester/DAG-type zinc finger.

Contains 1 SH3 domain.

SWISS:

Q99469

Gene ID:

6769

Database links:

[Entrez Gene: 6769](#)Human

[Entrez Gene: 20840](#)Mouse

[Entrez Gene: 363152](#)Rat

[Omim: 602317](#)Human

[SwissProt: Q99469](#)Human

[SwissProt: P97306](#)Mouse

[Unigene: 56045](#)Human

[Unigene: 1414](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.