

**STAC2 Antibody(N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP19869a****Specification**

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**STAC2 Antibody(N-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">Q6ZMT1</a>
Other Accession	<a href="#">Q8R1B0</a> , <a href="#">NP_945344.1</a>
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	1-30

**STAC2 Antibody(N-term) - Additional Information****Gene ID** 342667**Other Names**

SH3 and cysteine-rich domain-containing protein 2, 24b2/STAC2, Src homology 3 and cysteine-rich domain-containing protein 2, STAC2

**Target/Specificity**

This STAC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human STAC2.

**Dilution**

WB~~1:1000

IHC-P~~1:100

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**

STAC2 Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**STAC2 Antibody(N-term) - Protein Information****Name** STAC2

**Function** Plays a 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

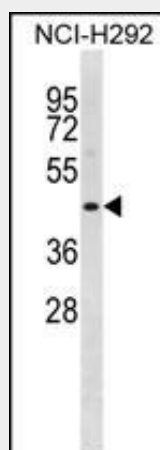
Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q8R1B0}. Cell membrane {ECO:0000250|UniProtKB:Q8R1B0}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q8R1B0}; Cytoplasmic side {ECO:0000250|UniProtKB:Q8R1B0}. Cell membrane, sarcolemma {ECO:0000250|UniProtKB:Q8R1B0}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q8R1B0}; Cytoplasmic side {ECO:0000250|UniProtKB:Q8R1B0}. Note=Colocalizes with CACNA1C at the plasma membrane of transfected cells. {ECO:0000250|UniProtKB:Q8R1B0}

#### STAC2 Antibody(N-term) - Protocols

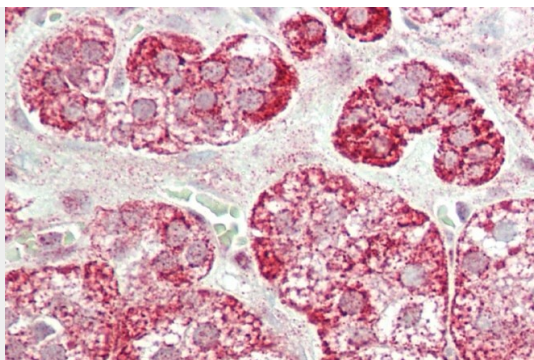
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

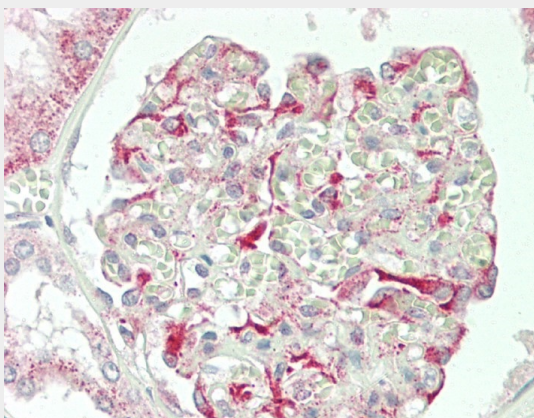
#### STAC2 Antibody(N-term) - Images



STAC2 Antibody (N-term) (Cat. #AP19869a) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the STAC2 antibody detected the STAC2 protein (arrow).



Formalin-fixed and paraffin-embedded H.adrenal tissue reacted with STAC2 Antibody(N-term) (Cat#AP19869a).



Formalin-fixed and paraffin-embedded H.kidney tissue reacted with STAC2 Antibody(N-term) (Cat#AP19869a).

#### **STAC2 Antibody(N-term) - Background**

The function of this protein is unknown.

#### **STAC2 Antibody(N-term) - References**

Lim, J., et al. Cell 125(4):801-814(2006)