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STAC2 Antibody(N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19869a

Specification

STAC2 Antibody(N-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q6ZMT1
Other Accession	Q8R1B0, NP_945344.1
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

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.

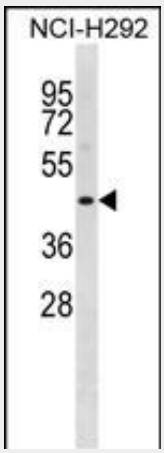
Cellular Location
Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q8R1B0}. Cell membrane {ECO:0000250|UniProtKB:Q8R1B0}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q8R1B0}; Cytoplasmic side {ECO:0000250|UniProtKB:Q8R1B0}. Cell membrane, sarcolemma {ECO:0000250|UniProtKB:Q8R1B0}; Peripheral membrane 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.

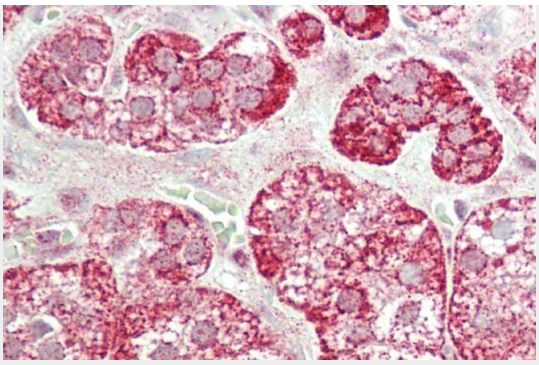
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

STAC2 Antibody(N-term) - Images

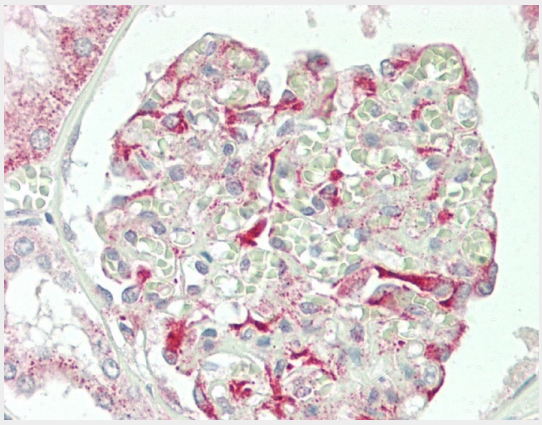


STAC2 Antibody (N-term) (Cat. #AP19869a) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the STAC2 antibody detected the STAC2 protein (arrow).

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Formalin-fixed and paraffin-embedded H.adrenal tissue 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)