

Rabbit anti-Human STAC Polyclonal Antibody | anti-STAC antibody

Anti-STAC Antibody, Rabbit Polyclonal

CATALOG # AAA256847	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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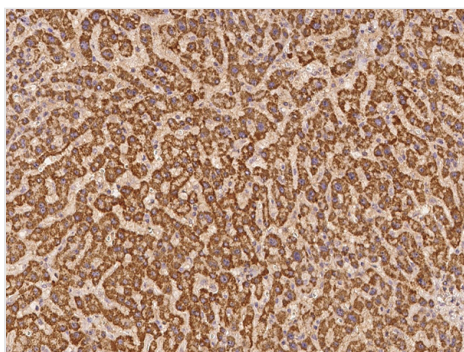
PRODUCT SYNONYMS

STAC; Polyclonal Antibody; Anti-STAC Antibody; Rabbit Polyclonal; STAC Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-STAC1 Antibody; anti-STAC antibody

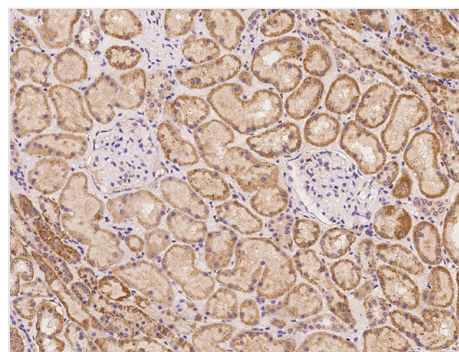
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human STAC
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-STAC antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human STAC fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human STAC fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human STAC in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human STAC in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-STAC antibody	The adaptor proteins STAC1, STAC2, and STAC3 represent a newly identified family of regulators of voltage-gated calcium channel (CaV) trafficking and function. The STAC3 protein interacts with two structures in muscle cells that are critical for calcium ion flow, dihydropyridine receptor (DHPR) and ryanodine receptor 1 (RYR1). The skeletal muscle isoform STAC3 is essential for excitation-contraction coupling and its mutation causes severe muscle disease. STAC3 promotes the expression of the ion channel CACNA1H at the cell membrane, and thereby contributes to the regulation of channel activity.
References	Maciukiewicz M, et al. (2018) Genome-wide association studies of placebo and duloxetine response in major depressive disorder. Pharmacogenomics J 18 (3): 406-412.Rzhepetsky Y, et al. (2016) A ca(v)3.2/stac1 molecular complex controls t-type channel expression at the plasma membrane. Channels (Austin) 10 (5): 346-354.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/stac-antibody-immunohistochemistry-elisa/256847>