

Rabbit anti-Human KCNC1 Polyclonal Antibody | anti-KCNC1 antibody

KCNC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232550	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

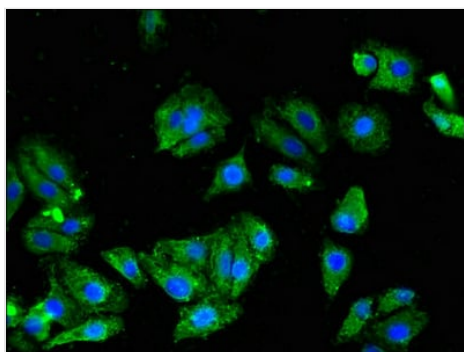
PRODUCT SYNONYMS

KCNC1; Polyclonal Antibody; KCNC1 Antibody; Potassium voltage-gated channel subfamily C member 1; NGK2; Voltage-gated potassium channel subunit Kv3.1; Voltage-gated potassium channel subunit Kv4; anti-KCNC1 antibody

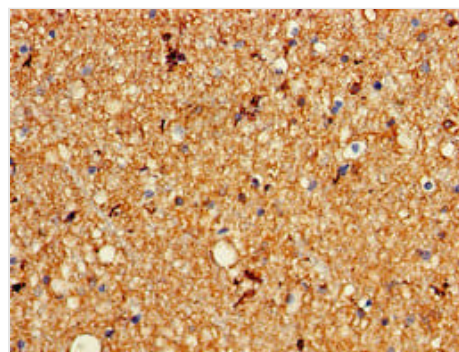
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	585
Applicable Applications for anti-KCNC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Potassium voltage-gated channel subfamily C member 1 protein (1-190AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23319
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA232550 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA232550 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-KCNC1 antibody	Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. Can form functional homotetrameric channels and heterotetrameric channels that contain variable proportions of KCNC2, and possibly other family members as well. Contributes to fire sustained trains of very brief action potentials at high frequency in pallidal neurons.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	163792201
NCBI GeneID	3746
NCBI Accession #	NP_001106212.1
NCBI GenBank Nucleotide #	NM_001112741.1
UniProt Accession #	P48547; K4DI87
Molecular Weight	65,871 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily C member 1 isoform 1
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily C member 1
NCBI Official Symbol	KCNC1
NCBI Official Synonym Symbols	KV4; EPM7; NGK2; KV3.1
NCBI Protein Information	potassium voltage-gated channel subfamily C member 1
UniProt Protein Name	Potassium voltage-gated channel subfamily C member 1
UniProt Gene Name	KCNC1
UniProt Entry Name	KCNC1_HUMAN

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://stage.aaabiotech.com/polyclonal/kcnc1-antibody-immunofluorescence-immunohistochemistry-elisa/232550>