

Rabbit KCNC4 Polyclonal Antibody | anti-KCNC4 antibody

KCNC4 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197931	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

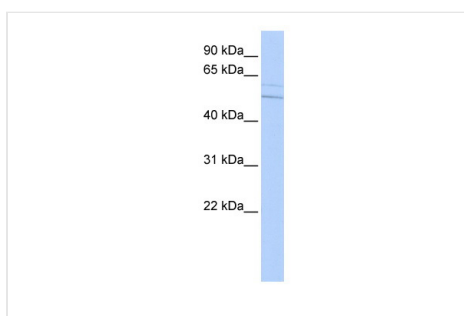
PRODUCT SYNONYMS

KCNC4; Polyclonal Antibody; KCNC4 antibody - middle region; anti-KCNC4 antibody

PRODUCT SPECIFICATIONS

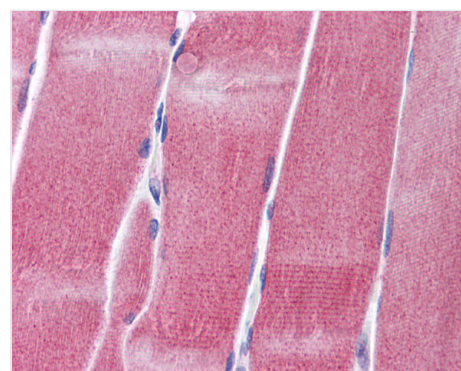
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: NI DRNVTEILRV GNITSVHFRR EVETEPILTY IEGVCVLWFT LEFLVRIV
Sequence Length	582
Applicable Applications for anti-KCNC4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human KCNC4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-KCNC4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive

Control: HepG2 cell lysate


IHC (Immunohistochemistry)

Skeletal muscle

ADDITIONAL INFORMATION

Related Product Information for anti-KCNC4 antibody	This is a rabbit polyclonal antibody against KCNC4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: KCNC4 is part of the Shaker gene family of Drosophila. It encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to the Shaw subfamily. KCNC4 belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. It generates atypical voltage-dependent transient current that may be important for neuronal excitability. Several transcript variants encoding different isoforms have been found for this gene.The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. It generates atypical voltage-dependent transient current that may be important for neuronal excitability. Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-KCNC4 antibody	Polyclonal; Transcription Factor; Signal Proteins; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497464
NCBI GeneID	3749
NCBI Accession #	NP_720198
NCBI GenBank Nucleotide #	NM_153763
UniProt Accession #	Q03721
Molecular Weight	64kDa
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily C member 4
NCBI Official Symbol	KCNC4
NCBI Official Synonym Symbols	KV3.4; C1orf30; KSHIIC; HKSHIIC
NCBI Protein Information	potassium voltage-gated channel subfamily C member 4
UniProt Protein Name	Potassium voltage-gated channel subfamily C member 4
UniProt Gene Name	KCNC4
UniProt Entry Name	KCNC4_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/kcnc4-antibody-western-blot-immunohistochemistry-elisa/197931>