

Rabbit KCNN4 Polyclonal Antibody | anti-KCNN4 antibody

KCNN4 antibody - C-terminal region

CATALOG # AAA23440	HOST Rabbit	REACTIVITY Cow, Horse, Human, Pig, Rat	APPLICATIONS Western Blot
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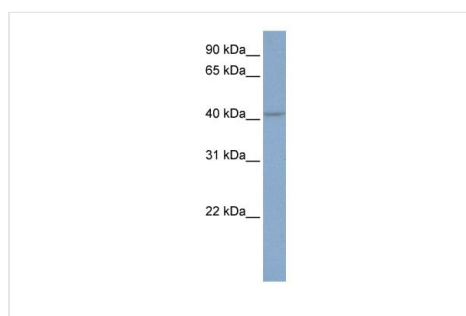
PRODUCT SYNONYMS

KCNN4; Polyclonal Antibody; KCNN4 antibody - C-terminal region; anti-KCNN4 antibody

PRODUCT SPECIFICATIONS

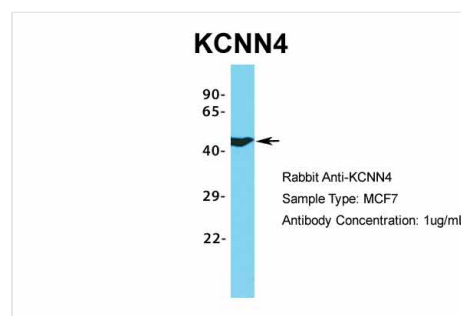
Host	Rabbit
Reactivity	Cow, Horse, Human, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DLQQNLSSSHRALEKQIDTLGKLDALTELLS TALGPRQLPEPSQQSK
Sequence Length	427
Applicable Applications for anti-KCNN4 antibody	WB (Western Blot)
Homology	Cow: 92%; Horse: 92%; Human: 100%; Pig: 83%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human KCNN4
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



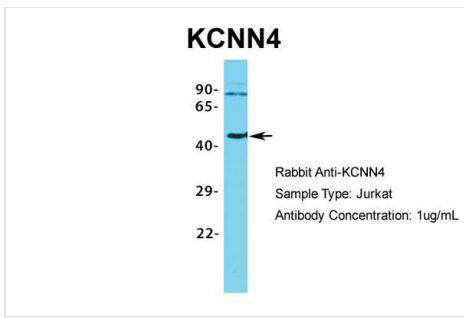
WB (Western Blot)

WB Suggested Anti-KCNN4 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:62500
Positive Control: HepG2 cell lysate



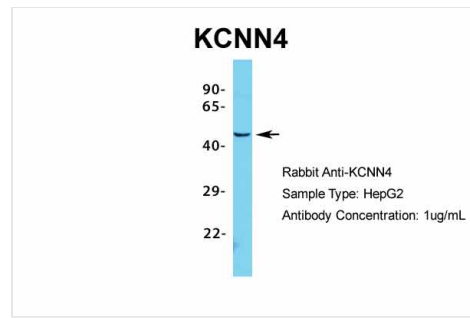
WB (Western Blot)

Host: Rabbit
Target Name: KCNN4
Sample Type: MCF7
Antibody Dilution: 1.0ug/ml



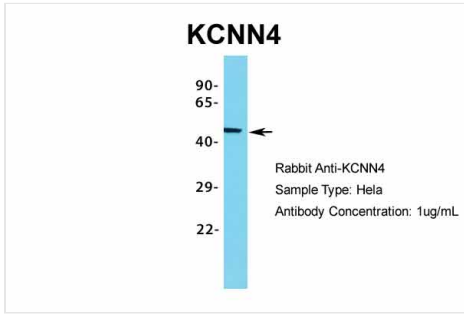
WB (Western Blot)

Host: RabbitTarget Name: KCNN4Sample Type: JurkatAntibody Dilution: 1.0ug/ml



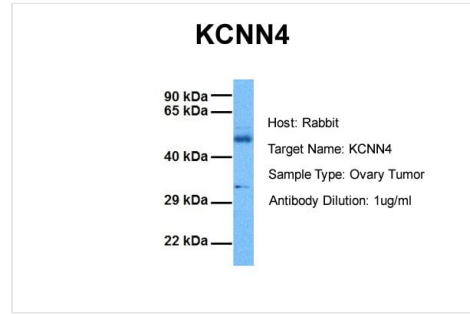
WB (Western Blot)

Host: RabbitTarget Name: KCNN4Sample Type: HepG2Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: KCNN4Sample Type: HeLaAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: KCNN4Sample Tissue: Human Ovary TumorAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-KCNN4 antibody

This is a rabbit polyclonal antibody against KCNN4. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: KCNN4 is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. KCNN4 may be part of the predominant calcium-activated potassium channel in T-lymphocytes. The protein encoded by this gene is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. The encoded protein may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Product Categories/Family for anti-KCNN4 antibody

[Polyclonal](#); [Ion Channel](#); [Membrane Protein](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504859
NCBI GeneID	3783
NCBI Accession #	NP_002241
NCBI GenBank Nucleotide #	NM_002250
UniProt Accession #	O15554
Molecular Weight	48kDa
NCBI Official Full Name	intermediate conductance calcium-activated potassium channel protein 4
NCBI Official Synonym Full Names	potassium calcium-activated channel subfamily N member 4

NCBI Official Symbol	KCNN4
NCBI Official Synonym Symbols	IK; IK1; SK4; DHS2; KCA4; hSK4; IKCA1; hKCa4; KCa3.1; hIKCa1
NCBI Protein Information	intermediate conductance calcium-activated potassium channel protein 4
UniProt Protein Name	Intermediate conductance calcium-activated potassium channel protein 4
UniProt Gene Name	KCNN4
UniProt Synonym Gene Names	IK1; IKCA1; KCA4; SK4; SK4; SKCa 4; SKCa4; IK1
UniProt Entry Name	KCNN4_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/kcnn4-antibody-western-blot-elisa/23440>