

Rabbit KCNMA1 Polyclonal Antibody | anti-KCNMA1 antibody

KCNMA1 antibody - C-terminal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197915	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Immunohistochemistry, Western Blot

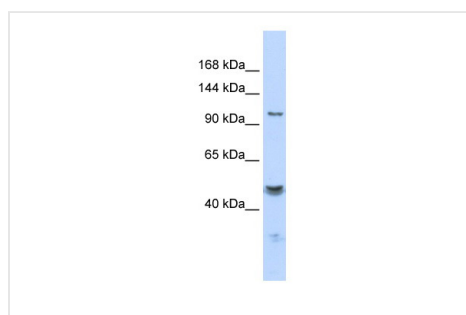
PRODUCT SYNONYMS

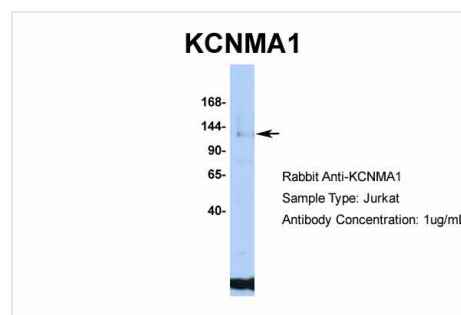
KCNMA1; Polyclonal Antibody; KCNMA1 antibody - C-terminal; anti-KCNMA1 antibody

PRODUCT SPECIFICATIONS

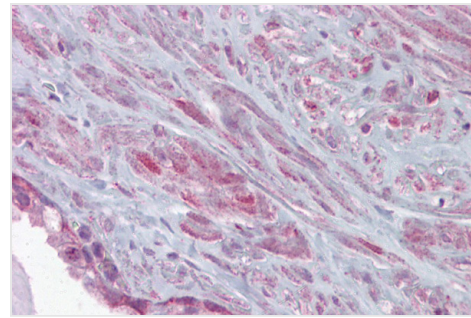
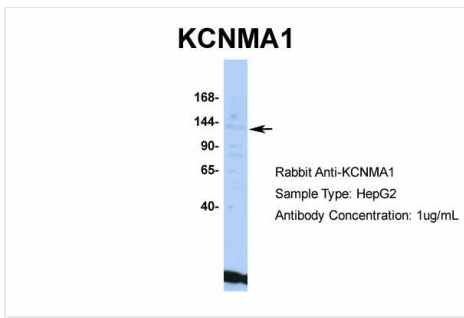
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: CF GIYRLRDAHL STPSQCTKRY VITNPPYEFE LVPTDLIFCL MQFDHNAG
Sequence Length	1182
Applicable Applications for anti-KCNMA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the c terminal region of human KCNMA1
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-KCNMA1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:312500
Positive Control: Human Liver

WB (Western Blot)

Host: Rabbit
Target Name: KCNMA1
Sample Type: Jurkat
Antibody Dilution: 1.0ug/ml

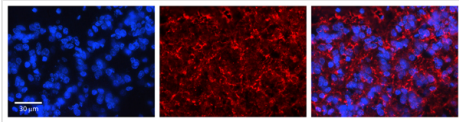


WB (Western Blot)

Host: Rabbit Target Name: KCNMA1 Sample Type: HepG2 Antibody Dilution: 1.0ug/ml

IHC (Immunohistochemistry)

Prostate



IHC (Immunohistochemistry)

KCNMA1 antibody - C-terminal Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue Observed Staining: Cytoplasm in Human Pineal Tissue Primary Antibody Concentration: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-KCNMA1 antibody

This is a rabbit polyclonal antibody against KCNMA1. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels which are fundamental to the control of smooth muscle tone and neuronal excitability. MaxiK channels can be formed by 2 subunits: the pore-forming alpha subunit, which is the product of this gene, and the modulatory beta subunit. Intracellular calcium regulates the physical association between the alpha and beta subunits. MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels which are fundamental to the control of smooth muscle tone and neuronal excitability. MaxiK channels can be formed by 2 subunits: the pore-forming alpha subunit, which is the product of this gene, and the modulatory beta subunit. Intracellular calcium regulates the physical association between the alpha and beta subunits. Alternatively spliced transcript variants encoding different isoforms have been identified.

Product Categories/Family for anti-KCNMA1 antibody

[Polyclonal](#); [Membrane Protein](#); [Immunohistochemistry](#); [Hypoxia](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62388890
NCBI GeneID	3778
NCBI Accession #	NP_001014797
NCBI GenBank Nucleotide #	NM_001014797
UniProt Accession #	Q12791
Molecular Weight	131kDa
NCBI Official Full Name	calcium-activated potassium channel subunit alpha-1 isoform a
NCBI Official Synonym Full Names	potassium calcium-activated channel subfamily M alpha 1
NCBI Official Symbol	KCNMA1
NCBI Official Synonym Symbols	SLO; BKTM; SLO1; hSlo; MaxiK; PNKD3; SAKCA; mSLO1; CADEDS; KCa1.1; SLO-ALPHA; bA205K10.1
NCBI Protein Information	calcium-activated potassium channel subunit alpha-1; uncharacterized protein

UniProt Protein Name	Calcium-activated potassium channel subunit alpha-1
UniProt Gene Name	KCNMA1
UniProt Synonym Gene Names	KCNMA; SLO; MaxiK; Slo homolog; hSlo
UniProt Entry Name	KCMA1_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/kcnma1-antibody-immunohistochemistry-western-blot-elisa/197915>