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Datasheet for ABIN729178
anti-KCNMA1 antibody (AA 1151-1236)

Overview

Quantity:	100 µL
Target:	KCNMA1
Binding Specificity:	AA 1151-1236
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNMA1 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BK channel
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	KCNMA1
Alternative Name:	BK channel (KCNMA1 Products)

Target Details

Background:	<p>Synonyms: Maxi Potassium channel alpha, bA205K10.1, BK channel, BKCa channels, BKCA alpha, BKCA alpha subunit, BKTm, Calcium activated potassium channel subfamily M subunit alpha 1, Calcium activated potassium channel subunit alpha 1, DKFZp686K1437, Drosophila slowpoke like, hSlo, KVCAalpha, KCa1.1, KCNMA 1, KCNMA, KCNMA1, Large conductance calcium activated potassium channel subfamily M alpha member 1, Maxi K, Maxi K channel, MaxiK, Potassium large conductance calcium activated channel subfamily M alpha member 1, SAKCA, Slo 1, SLO alpha, SLO, Slo homolog, Slo1, Slowpoke homolog, Stretch activated Kca channel, KCMA1_HUMAN.</p> <p>Background: 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. [provided by RefSeq, Jul 2008].</p>
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Gene ID:	3778
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Pathways:	Regulation of Hormone Metabolic Process , Sensory Perception of Sound
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Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 µg/µL
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Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Handling

Expiry Date: 12 months