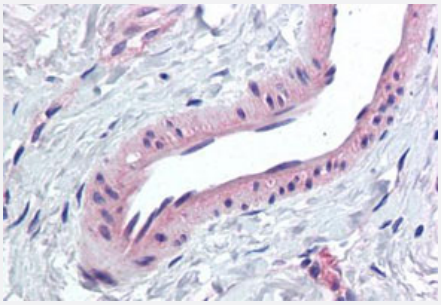
KCNMA1 polyclonal antibody

Catalog # PAB27756 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human breast, vessel with KCNMA1 polyclonal antibody (Cat # PAB27756). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of KCNMA1.
Immunogen	A synthetic peptide corresponding to 15 amino acid at internal region of human KCNMA1.
Host	Rabbit
Reactivity	Bovine, Chicken, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat, Xenopus, Zebra fish
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10-20 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human breast, vessel with KCNMA1 polyclonal antibody (Cat # PAB27756). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Gene Info — KCNMA1

Entrez GeneID	3778
Protein Accession#	Q12791
Gene Name	KCNMA1
Gene Alias	BKTM, DKFZp686K1437, KCa1.1, MGC71881, MaxiK, SAKCA, SLO, SLO-ALPHA, SLO1, mSLO1
Gene Description	potassium large conductance calcium-activated channel, subfamily M, alpha member 1
Omim ID	600150 609446
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	BKCA alpha subunit|Drosophila slowpoke-like|OTTHUMP00000019904|OTTHUMP00000060198|OTTHUMP00000064154|OTTHUMP00000064155|OTTHUMP00000064156|OTTHUMP00000064157|OTTHUMP00000064158|OTTHUMP00000064159|OTTHUMP00000064160|OTTHUMP00000064161|OTTHUMP00000064162|OT

Pathway

- Vascular smooth muscle contraction

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Disease

- Alzheimer Disease
- Genetic Predisposition to Disease
- Hyperparathyroidism
- Hypertension
- Myocardial Infarction
- Narcolepsy
- Tobacco Use Disorder

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