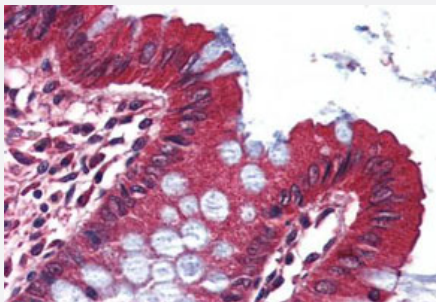


KCNA3 polyclonal antibody

Catalog # PAB27748

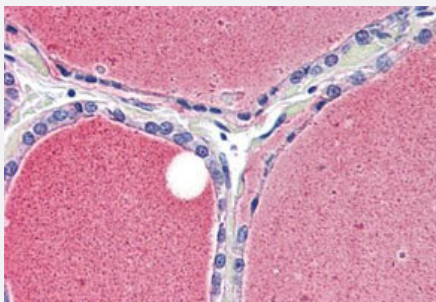
Size 50 ug

Applications



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human colon tissue with KCNA3 polyclonal antibody (Cat # PAB27748). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human thyroid tissue with KCNA3 polyclonal antibody (Cat # PAB27748). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of KCNA3.
Immunogen	A synthetic peptide corresponding to 16 amino acid at C-terminus of human KCNA3.
Host	Rabbit
Reactivity	Dog, Hamster, Human, Monkey, Mouse, Pig, Rabbit, Rat
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) (5 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.
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 colon tissue with KCNA3 polyclonal antibody (Cat # PAB27748). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human thyroid tissue with KCNA3 polyclonal antibody (Cat # PAB27748). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Gene Info — KCNA3

Entrez GeneID	3738
Protein Accession#	P22001
Gene Name	KCNA3
Gene Alias	HGK5, HLK3, HPCN3, HUKIII, KV1.3, MK3, PCN3
Gene Description	potassium voltage-gated channel, shaker-related subfamily, member 3
Omim ID	176263
Gene Ontology	Hyperlink

Gene Summary

Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in *Drosophila*, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member contains six membrane-spanning domains with a shaker-type repeat in the fourth segment. It belongs to the delayed rectifier class, members of which allow nerve cells to efficiently repolarize following an action potential. It plays an essential role in T-cell proliferation and activation. This gene appears to be intronless and it is clustered together with KCNA2 and KCNA10 genes on chromosome 1. [provided by RefSeq]

Other Designations

OTTHUMP00000032397|potassium channel 3|type n potassium channel|voltage-gated potassium channel protein Kv1.3

Disease

- [Glucose Intolerance](#)
- [Insulin Resistance](#)
- [Olfactory Perception](#)
- [Smell](#)