

KCNA3 / Kv1.3 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11141**Specification**

KCNA3 / Kv1.3 Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	P22001
Reactivity	Human, Mouse, Rabbit, Hamster, Monkey, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64kDa KDa

KCNA3 / Kv1.3 Antibody (C-Terminus) - Additional Information**Gene ID** 3738**Other Names**

Potassium voltage-gated channel subfamily A member 3, HGK5, HLK3, HPCN3, Voltage-gated K(+) channel HuKIII, Voltage-gated potassium channel subunit Kv1.3, KCNA3, HGK5

Target/Specificity

Human KCNA3 / Kv1.3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

KCNA3 / Kv1.3 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

KCNA3 / Kv1.3 Antibody (C-Terminus) - Protein Information**Name** KCNA3**Synonyms** HGK5**Function**

Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient.

Cellular Location

Cell membrane; Multi-pass membrane protein

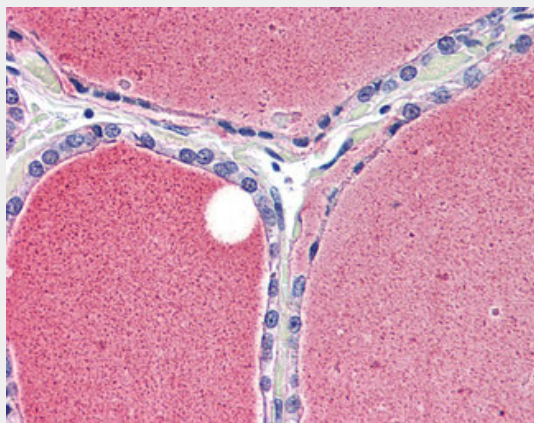
Volume
50 µl

KCNA3 / Kv1.3 Antibody (C-Terminus) - Protocols

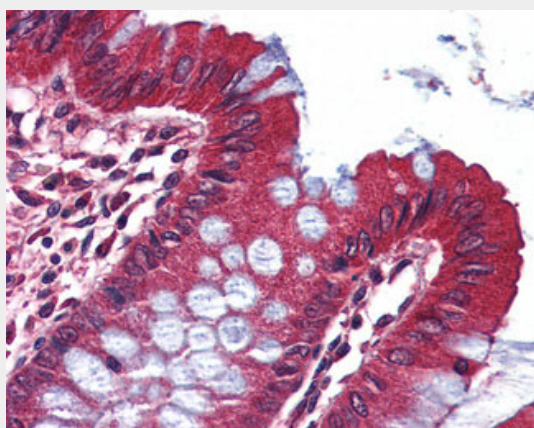
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KCNA3 / Kv1.3 Antibody (C-Terminus) - Images



Anti-KCNA3 / Kv1.3 antibody ALS11141 IHC of human thyroid.



Anti-KCNA3 / Kv1.3 antibody ALS11141 IHC of human colon.

KCNA3 / Kv1.3 Antibody (C-Terminus) - Background

Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance

with their electrochemical gradient.

KCNA3 / Kv1.3 Antibody (C-Terminus) - References

Folander K.,et al.Genomics 23:295-296(1994).

Gregory S.G.,et al.Nature 441:315-321(2006).

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Philipson L.H.,et al.Proc. Natl. Acad. Sci. U.S.A. 88:53-57(1991).

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