

KCNA3 / Kv1.3 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11140**Specification**

KCNA3 / Kv1.3 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	P22001
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64kDa KDa

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

KCNA3 / Kv1.3 Antibody (Internal) - 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

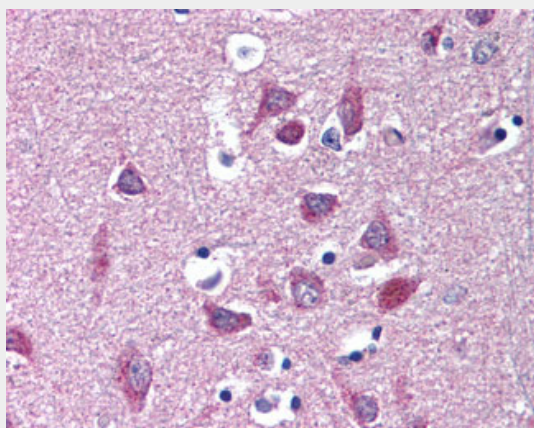
50 µl

KCNA3 / Kv1.3 Antibody (Internal) - 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 (Internal) - Images



Anti-KCNA3 / Kv1.3 antibody ALS11140 IHC of human brain, cortex.

KCNA3 / Kv1.3 Antibody (Internal) - 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 (Internal) - References

- Folander K., et al. Genomics 23:295-296(1994).
Gregory S.G., et al. Nature 441:315-321(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Philipson L.H., et al. Proc. Natl. Acad. Sci. U.S.A. 88:53-57(1991).
Attali B., et al. J. Biol. Chem. 267:8650-8657(1992).