

Kv1.3 (pY187) Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51650**Specification**

Kv1.3 (pY187) Antibody - Product Information

Application	WB, E
Primary Accession	P22001
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67 KDa

Kv1.3 (pY187) Antibody - 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 Kv13, KCNA3, HGK5

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Kv1.3 (pY187) Antibody - Protein Information**Name** KCNA3**Synonyms** HGK5**Function**

[Isoform 1]: 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

[Isoform 1]: Cell membrane; Multi-pass membrane protein [Isoform 3]: Cytoplasm, perinuclear region

Kv1.3 (pY187) Antibody - 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](#)

Kv1.3 (pY187) Antibody - Images**Kv1.3 (pY187) Antibody - 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.

Kv1.3 (pY187) Antibody - References

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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).