

Kv1.3 (pY187) Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51650

Product Information

Application	WB
Primary Accession	P22001
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63842

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
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

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

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.

References

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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).

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