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Anti-Kv1.3 Antibody

Rabbit polyclonal antibody to Kv1.3
Catalog # AP59602

Product Information

Application	WB, IP
Primary Accession	P22001
Other Accession	P16390
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63842

Additional Information

Gene ID	3738
Other Names	HGK5; Potassium voltage-gated channel subfamily A member 3; HGK5; HLK3; HPCN3; Voltage-gated K(+) channel HuKIII; Voltage-gated potassium channel subunit Kv1.3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Kv1.3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IP~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

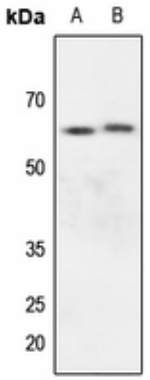
Protein Information

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

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Kv1.3. The exact sequence is proprietary.

Images



Western blot analysis of Kv1.3 expression in mouse brain (A), rat brain (B) whole cell lysates.