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Anti-Kv1.3 Antibody

Rabbit polyclonal antibody to Kv1.3
Catalog # AP59602

Specification

Anti-Kv1.3 Antibody - 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**

Anti-Kv1.3 Antibody - 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
Recognizes endogenous levels of Kv1.3 protein.

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

Anti-Kv1.3 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.

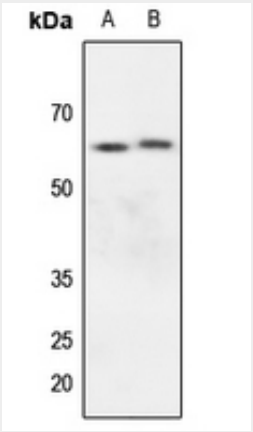
Cellular Location
[Isoform 1]: Cell membrane; Multi-pass membrane protein [Isoform 3]: Cytoplasm, perinuclear region

Anti-Kv1.3 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 Cytomety
- Cell Culture

Anti-Kv1.3 Antibody - Images



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

Anti-Kv1.3 Antibody - Background

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