

# Kv1.3 Polyclonal Antibody

Catalog # AP70689

### **Product Information**

Application WB, IHC-P, IF Primary Accession P22001

**Reactivity** Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW63842

## **Additional Information**

**Gene ID** 3738

Other Names KCNA3; HGK5; Potassium voltage-gated channel subfamily A member 3;

HGK5; HLK3; HPCN3; Voltage-gated K(+) channel HuKIII; Voltage-gated

potassium channel subunit Kv1.3

**Dilution** WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other

applications. IHC-P~~N/A IF~~1:50~200

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

#### **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]:

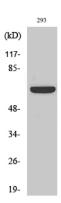
Cytoplasm, perinuclear region

# **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.

## **Images**



Western Blot analysis of various cells using Kv1.3 Polyclonal Antibody diluted at 1:500

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.