

KV4.1 Polyclonal Antibody

Catalog # AP70696

Specification

KV4.1 Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB <u>O9NSA2</u> Human, Mouse Rabbit Polyclonal

KV4.1 Polyclonal Antibody - Additional Information

Gene ID 3750

Other Names KCND1; Potassium voltage-gated channel subfamily D member 1; Voltage-gated potassium channel subunit Kv4.1

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

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

Storage Conditions -20°C

KV4.1 Polyclonal Antibody - Protein Information

Name KCND1

Function

Pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels. May contribute to I(To) current in heart and I(Sa) current in neurons. Channel properties are modulated by interactions with other alpha subunits and with regulatory subunits.

Cellular Location Membrane; Multi-pass membrane protein. Cell projection, dendrite

Tissue Location

Widely expressed. Highly expressed in brain, in particular in cerebellum and thalamus; detected at lower levels in the other parts of the brain.

KV4.1 Polyclonal Antibody - Protocols



Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

KV4.1 Polyclonal Antibody - Images



KV4.1 Polyclonal Antibody - Background

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