

Datasheet for ABIN6658068  
**anti-KCNIP1 antibody**



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2 Images

## Overview

Quantity:	100 µg
Target:	KCNIP1
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KCNIP1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

## Product Details

Purpose:	Pan-KCHIP Antibody
Immunogen:	KCHIP Antibody was produced in mice by repeated immunizations raised against a fusion protein full length of rat KCHIP1b.
Clone:	S55-82
Isotype:	IgG2a
Cross-Reactivity (Details):	A BLAST analysis was used to suggest cross-reactivity with KCPIP from Mouse, human, and rat based on 100 % homology with the immunizing sequence.
Purification:	Anti-PAN-KCPIP Antibody was purified by Protein G chromatography.
Sterility:	Sterile filtered

## Target Details

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Target:	KCNIP1
Alternative Name:	Kcnip1 ( <a href="#">KCNIP1 Products</a> )
Background:	<p>Synonyms: Kcnip1, Kv channel-interacting protein 1, KChIP1, A-type potassium channel modulatory protein 1, Potassium channel-interacting protein 1</p> <p>Background: There are four member of the KChiPs (Kv4 potassium channel interacting protein) family. They are all EF handcontaining proteins required for the raffic of channelforming Kv4 K+ subunits to the plasma membrane.</p> <p>Gene Name: Kcnip1</p>
Gene ID:	65023
NCBI Accession:	<a href="#">NP_075218</a>
UniProt:	<a href="#">Q8R426</a>

## Application Details

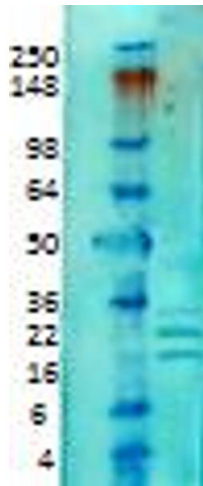
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Application Notes:	Optional[Neutralization_Dilution]: 0.1-1.0 µg/mL
Comment:	Anti-PAN-KCPIP Antibody is tested for use in WB, IHC and IP. Expect a band approximately ~33kDa, 25kDa and 22kDa on specific lysates. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

## Handling

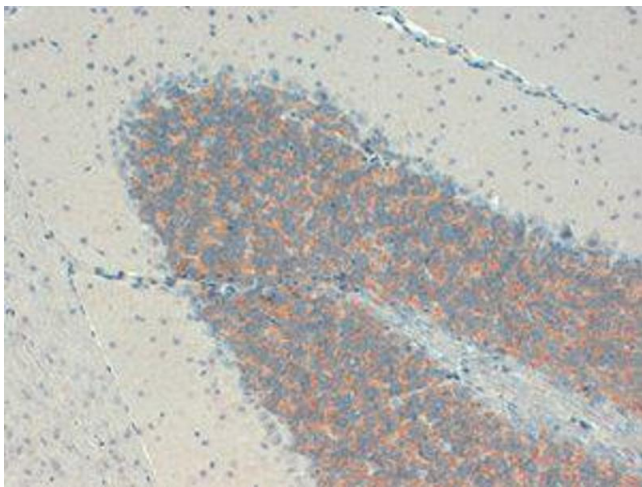
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Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 50 % (v/v) Glycerol
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months



### Western Blotting

**Image 1.** KCHIP Western Blot. Western Blot of mouse anti-KCHIP antibody. Lane 1: Rat Brain Membrane. Primary antibody: KCHIP antibody at 1:1000 for overnight at 4°C. Secondary antibody: Goat anti-mouse IgG HRP secondary antibody at 1:10,000 for 45 min at RT. Block: 5% Blotto overnight 4°C. Predicted/Observed size: 26.8kDa/25kDa. Other band(s): 33kDa, 22kDa. Cross-reacts with rat KChIPs 2, 3, 4.



### Immunohistochemistry

**Image 2.** KCHIP Immunohistochemistry. Immunohistochemistry of mouse anti-KChIP antibody. Tissue: cerebellum tissue in mouse. Primary Antibody: KChIP antibody at 1µg/mL for 1h at RT. Secondary antibody: Peroxidase mouse secondary at 1:10,000 for 45 min at RT. Localization: cell membrane. Staining: KChIP as brown signal.