



Datasheet for ABIN2776208  
**anti-KCNIP1 antibody (N-Term)**



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2 Images

Overview

Quantity:	100 µL
Target:	KCNIP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNIP1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human KCNIP1
Sequence:	FSSLQTKQRR PSKDKIEDEL EMTMVCHRPE GLEQLAQTN FTKRELQVLY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against KCNIP1. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	KCNIP1
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## Target Details

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Alternative Name:	KCNIP1 ( <a href="#">KCNIP1 Products</a> )
Background:	<p>KCNIP1 is a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N-terminus. They are integral subunit components of native Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. Alternative splicing results in multiple transcript variant encoding different isoforms.</p> <p>Alias Symbols: VABP, KCHIP1</p> <p>Protein Interaction Partner: KCNIP2, KCND2, SPP1, KCND1,</p> <p>Protein Size: 216</p>
Molecular Weight:	25 kDa
Gene ID:	30820
NCBI Accession:	<a href="#">NM_014592</a> , <a href="#">NP_055407</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 216 AA
Restrictions:	For Research Use only

## Handling

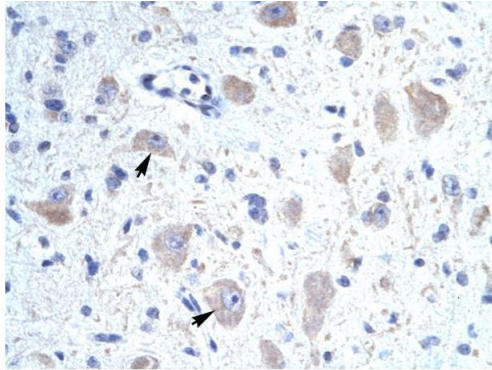
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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

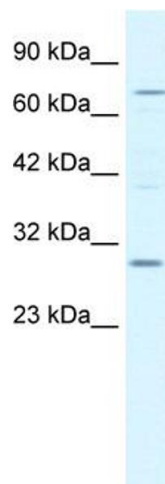
## Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



Rabbit Anti-KCNIP1 Antibody  
Catalog Number: ARP35246  
Lot Number: QC4549  
Paraffin Embedded Tissue: Human Brain  
Cells with Positive label: Neural cells. (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X



### Immunohistochemistry

**Image 1.** Human Brain

### Western Blotting

**Image 2.** WB Suggested Anti-KCNIP1 Antibody Titration:  
1.35µg/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate