

Datasheet for ABIN2776321
anti-KCNIP2 antibody (N-Term)

6 Images

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Overview

Quantity:	100 µL
Target:	KCNIP2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNIP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human KCNIP2
Sequence:	ALAAPASLRP HRPRLDPDS VDDEFELSTV CHRPEGLEQL QEQTKFTRKE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against KCNIP2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	KCNIP2
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Target Details

Alternative Name: KCNIP2 ([KCNIP2 Products](#))

Background: KCNIP2 encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs 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. This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs 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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified from this gene.

Alias Symbols: DKFZp566L1246, KCHIP2, MGC17241

Protein Interaction Partner: KCND2, KCNIP1, KCNIP2, KCNE4, KCND3, KCNIP4,

Protein Size: 285

Molecular Weight: 32 kDa

Gene ID: 30819

NCBI Accession: [NM_014591](#), [NP_055406](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 285 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

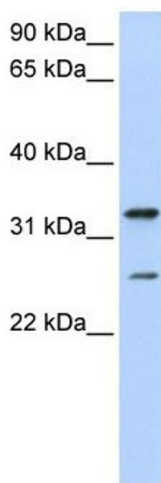
Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Handling

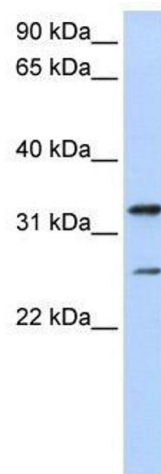
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



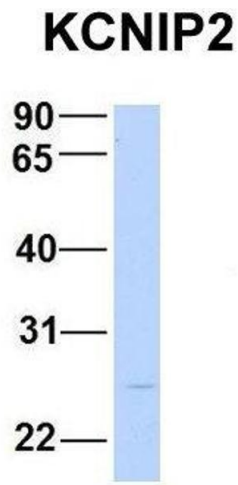
Western Blotting

Image 1. WB Suggested Anti-KCNIP2 Antibody Titration: 0.2-1 µg/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate KCNIP2 is supported by BioGPS gene expression data to be expressed in Jurkat



Western Blotting

Image 2. WB Suggested Anti-KCNIP2 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: Jurkat cell lysate KCNIP2 is supported by BioGPS gene expression data to be expressed in Jurkat



Western Blotting

Image 3. Host: Rabbit Target Name: KCNIP2 Sample Type:
Human Fetal Brain Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2776321.