

Rabbit KCNIP2 Polyclonal Antibody | anti-KCNIP2 antibody

KCNIP2 antibody - N-terminal region

CATALOG # AAA197985	HOST Rabbit	REACTIVITY Dog, Human, Rabbit	APPLICATIONS Western Blot
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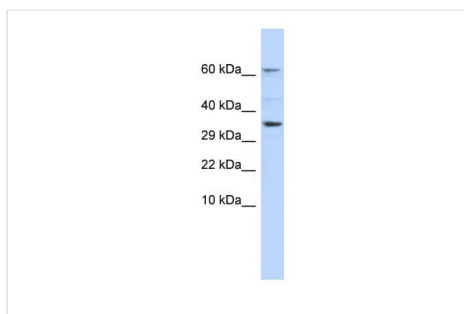
PRODUCT SYNONYMS

KCNIP2; Polyclonal Antibody; KCNIP2 antibody - N-terminal region; anti-KCNIP2 antibody

PRODUCT SPECIFICATIONS

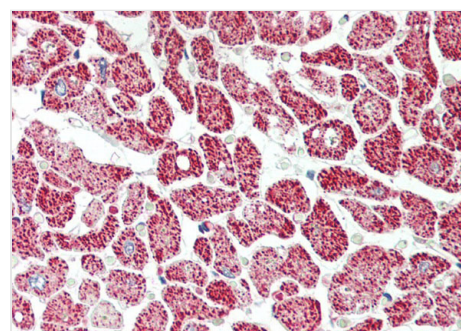
Host	Rabbit
Reactivity	Dog, Human, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LK QRFLKLLPCC GPQALPSVSE IGRVFRFLGD SSLPSALAAP ASLRPHRP
Sequence Length	285
Applicable Applications for anti-KCNIP2 antibody	WB (Western Blot)
Homology	Dog: 86%; Human: 100%; Rabbit: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KCNIP2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-KCNIP2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Liver



IHC (Immunohistochemistry)

Rabbit Anti-KCNIP2 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Heart
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-KCNIP2 antibody	This is a rabbit polyclonal antibody against KCNIP2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-KCNIP2 antibody	Polyclonal; Transcription Factor; Ion Channel; Neurobiology; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	338817979
NCBI GeneID	30819
NCBI Accession #	NP_055406
NCBI GenBank Nucleotide #	NM_014591
UniProt Accession #	Q9NS61
Molecular Weight	32kDa
NCBI Official Full Name	Kv channel-interacting protein 2
NCBI Official Synonym Full Names	potassium voltage-gated channel interacting protein 2
NCBI Official Symbol	KCNIP2
NCBI Official Synonym Symbols	KCHIP2
NCBI Protein Information	Kv channel-interacting protein 2
UniProt Protein Name	Kv channel-interacting protein 2
UniProt Gene Name	KCNIP2
UniProt Synonym Gene Names	KCHIP2; KChIP2
UniProt Entry Name	KCIP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kcnip2-antibody-western-blot-elisa/197985>