

Rabbit KCNIP4 Polyclonal Antibody | anti-KCNIP4 antibody

KCNIP4 antibody - N-terminal region

CATALOG # AAA197846	HOST Rabbit	REACTIVITY Cow, Dog, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

KCNIP4; Polyclonal Antibody; KCNIP4 antibody - N-terminal region; anti-KCNIP4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Rabbit, Rat
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 located within the following region: NS TKRSIKERLM KLLPCSAKT SSPAIQNSVE DELEMATVRH RPEALELL
Sequence Length	250
Applicable Applications for anti-KCNIP4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KCNIP4
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-KCNIP4 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Jurkat cell lysate

IHC (Immunohistochemistry)

Human Brain

ADDITIONAL INFORMATION

Related Product Information for anti-KCNIP4 antibody

This is a rabbit polyclonal antibody against KCNIP4. It was validated on Western Blot and immunohistochemistry

Target Description: KCNIP4 encodes 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. This protein member also interacts with presenilin.

Product Categories/Family for anti-KCNIP4 antibody	Polyclonal; Transcription Factor; Ion Channel; Neurobiology; DNA/RNA/Protein Interactions; Immunohistochemistry
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24586671
NCBI GeneID	80333
NCBI Accession #	NP_079497
NCBI GenBank Nucleotide #	NM_025221
UniProt Accession #	Q6PIL6
Molecular Weight	29kDa
NCBI Official Full Name	Kv channel-interacting protein 4 isoform 1
NCBI Official Synonym Full Names	potassium voltage-gated channel interacting protein 4
NCBI Official Symbol	KCNIP4
NCBI Official Synonym Symbols	CALP; KCHIP4
NCBI Protein Information	Kv channel-interacting protein 4
UniProt Protein Name	Kv channel-interacting protein 4
UniProt Gene Name	KCNIP4
UniProt Synonym Gene Names	CALP; KCHIP4; KChIP4

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/kcnip4-antibody-western-blot-immunohistochemistry-elisa/197846>