

Rabbit anti-Human KCNIP2 Polyclonal Antibody | anti-KCNIP2 antibody

KCNIP2 Antibody

CATALOG # AAA231570	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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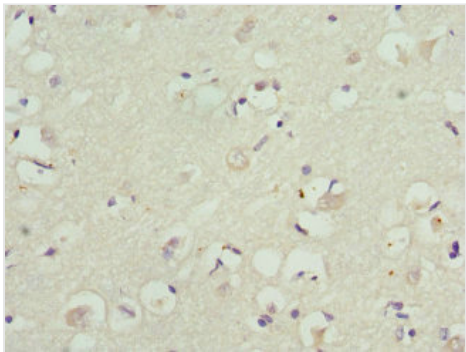
PRODUCT SYNONYMS

KCNIP2; Polyclonal Antibody; KCNIP2 Antibody; Kv channel-interacting protein 2; KCHIP21 Publication; A-type potassium channel modulatory protein 2; Cardiac voltage-gated potassium channel modulatory subunit; Potassium channel-interacting protein 2; KCHIP2; anti-KCNIP2 antibody

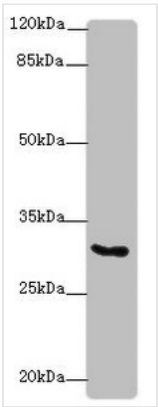
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	285
Applicable Applications for anti-KCNIP2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Kv channel-interacting protein 2 protein (N-90AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-11251 / sc-26467 / sc-26469 / sc-25685
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human brain tissue using AAA231570 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: KCNIP2antibody at 4.58ug/ml+ Hela whole cell lysateGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 31,29,26,27,33,21,22 kDaObserved band size: 31 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-KCNIP2 antibody	Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels. Modulates channel density, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner. In vitro, modulates KCND2/Kv4.2 and KCND3/Kv4.3 currents. Involved in KCND2 and KCND3 trafficking to the cell surface. May be required for the expression of I(To) currents in the heart (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361460
NCBI GeneID	30819
NCBI Accession #	NP_055406.2
NCBI GenBank Nucleotide #	NM_014591.4
UniProt Accession #	Q9NS61; Q3YAC6; Q3YAC8; Q3YAC9; Q7Z6F1; Q96K86; Q96T41; Q96T42; Q96T43; Q96T44; A6NJE5; A8MQ75
Molecular Weight	21,401 Da
NCBI Official Full Name	Kv channel-interacting protein 2 isoform 1
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.