

Rabbit anti-Human KCNIP4 Polyclonal Antibody | anti-KCNIP4 antibody

KCNIP4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230355	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

KCNIP4; Polyclonal Antibody; KCNIP4 Antibody; Kv channel-interacting protein 4; KCHIP41; A-type potassium channel modulatory protein 4; Calsenilin-like protein1; CALP; KCHIP4; anti-KCNIP4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	225
Applicable Applications for anti-KCNIP4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Kv channel-interacting protein 4 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46381 / sc-46380 / sc-98794
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells using AAA230355 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA230355 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-KCNIP4 antibody	Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels. Modulates KCND2 channel density, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner (PubMed:11847232, PubMed:18957440, PubMed:23576435). Modulates KCND3/Kv4.3 currents (PubMed:23576435). Isoform 4 does not increase KCND2 expression at the cell membrane (PubMed:18957440). Isoform 4 retains KCND3 in the endoplasmic reticulum and negatively regulates its expression at the cell membrane.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	78190486
NCBI GeneID	80333
NCBI Accession #	NP_001030175.1
NCBI GenBank Nucleotide #	NM_001035003.1
UniProt Accession #	Q6PIL6; Q3YAB8; Q3YAB9; Q3YAC0; Q3YAC1; Q3YAC2; Q4W5G8; Q8NEU0; Q9BWT2; Q9H294; Q9H2A4
Molecular Weight	26,267 Da
NCBI Official Full Name	Kv channel-interacting protein 4 isoform 5
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
UniProt Entry Name	KCIP4_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/kcnip4-antibody-immunofluorescence-immunohistochemistry-elisa/230355>