

Datasheet for ABIN3043273
anti-KCNIP2 antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	KCNIP2
Binding Specificity:	AA 78-112, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Kv channel-interacting protein 2(KCNIP2) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human KChIP2 (78-112aa DEFELSTVCHRPEGLEQLQEQTkFTRKELQVLYR), different from the related mouse and rat sequences by one amino acid.
Sequence:	DEFELSTVCH RPEGLEQLQE QTKFTRKELQ VLYR
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Kv channel-interacting protein 2(KCNIP2) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: Kv channel interacting protein 2 Protein Name: Kv channel-interacting protein 2

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: KCNIP2

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

Background: Kv channel-interacting protein 2 also known as KChIP2 is a protein that in humans is encoded by the KCNIP2 gene. This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins, 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. And 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. Alternative splicing results in multiple transcript variant encoding different isoforms.

Synonyms: A type potassium channel modulatory protein 2 antibody|A-type potassium channel modulatory protein 2 antibody|Cardiac voltage gated potassium channel modulatory subunit antibody|Cardiac voltage-gated potassium channel modulatory subunit antibody|DKFZp566L1246 antibody|KChIP 2 antibody|KChIP2 antibody|KCIP2_HUMAN antibody|KCNIP 2 antibody|Kcnip2 antibody|Kv channel interacting protein 2 antibody|Kv channel-interacting protein 2 antibody|MGC17241 antibody|Potassium channel interacting protein 2 antibody|Potassium channel-interacting protein 2 antibody

Gene ID: 30819

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

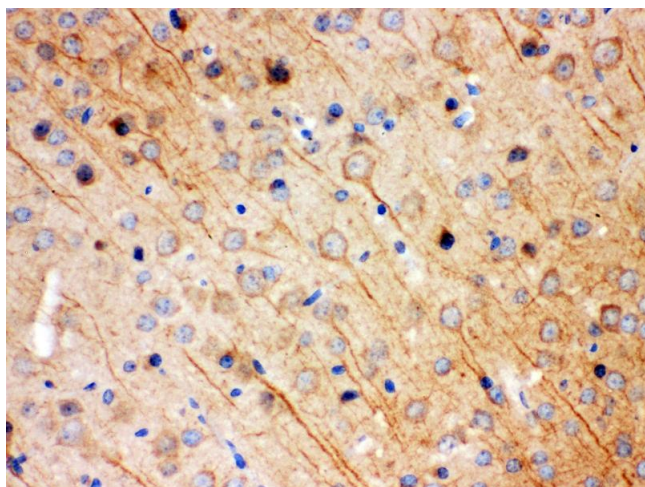
Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

Handling

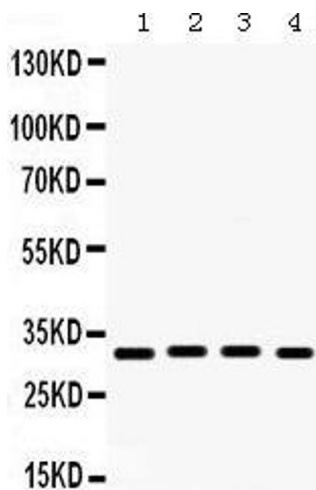
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



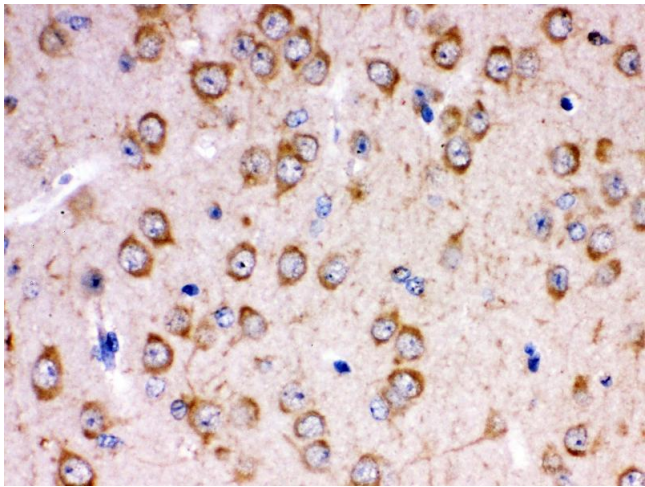
Immunohistochemistry

Image 1. Anti- KCNIP2 Picoband antibody,IHC(P) IHC(P):
Mouse Brain Tissue



Western Blotting

Image 2.



Immunohistochemistry

Image 3. Anti- KCNIP2 Picoband antibody,IHC(P) IHC(P):
Rat Brain Tissue

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3043273.