

Product datasheet for **TA337256**

KCNIP4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-KCNIP4 antibody: synthetic peptide directed towards the N terminal of human KCNIP4. Synthetic peptide located within the following region: NSTKRSIKERLMKLLPCSAAKTSSPAIQNSVEDELEMATVRHRPEALELL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	potassium voltage-gated channel interacting protein 4
Database Link:	NP_079497 Entrez Gene 80333 Human Q6PIL6



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Background:

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.

Synonyms:

CALP; KCHIP4

Note:

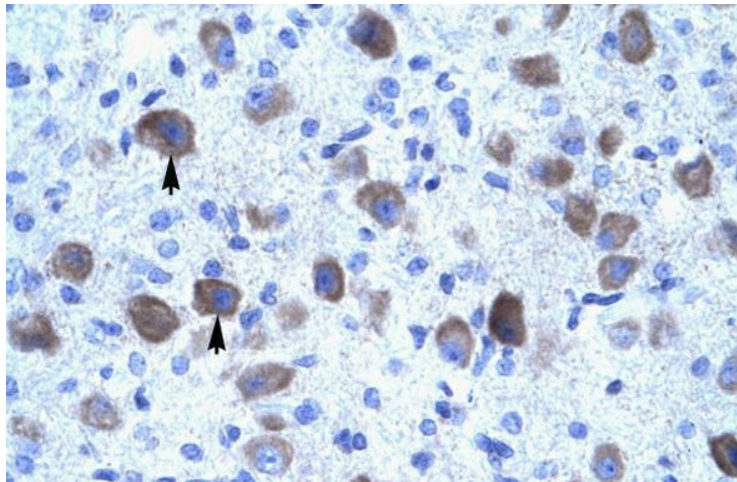
Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Dog: 93%; Bovine: 93%

Protein Families:

Druggable Genome, Ion Channels: Other

Product images:

WB Suggested Anti-KCNIP4 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive
Control: Jurkat cell lysate



Human Brain