

Product datasheet for **TA338767**

KCHIP2 (KCNIP2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-KCNIP2 antibody: synthetic peptide directed towards the N terminal of human KCNIP2. Synthetic peptide located within the following region: PEGLEQLQEQTkFTRKELQVLYRGFKNECPSGIVNEENFKQIYSQFFPQG
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>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21 kDa
Gene Name:	potassium voltage-gated channel interacting protein 2
Database Link:	NP_775289 Entrez Gene 80906 Mouse Entrez Gene 30819 Human Q9NS61



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Background:

This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs 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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified from this gene. [provided by RefSeq, Jul 2008]

Synonyms:

KCHIP2

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Guinea pig: 100%; Mouse: 93%; Rabbit: 93%; Zebrafish: 79%

Protein Families:

Druggable Genome, Ion Channels: Other

Product images:

WB Suggested Anti-KCNIP2 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive
Control: Jurkat cell lysate KCNIP2 is supported by
BioGPS gene expression data to be expressed in
Jurkat