

## Product datasheet for **TA338771**

### **KCHIP2 (KCNIP2) Rabbit Polyclonal Antibody**

#### **Product data:**

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



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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:**

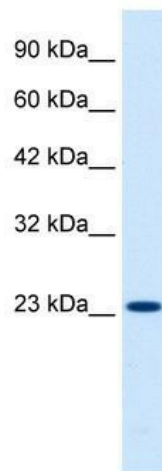
KCHIP2

**Note:**

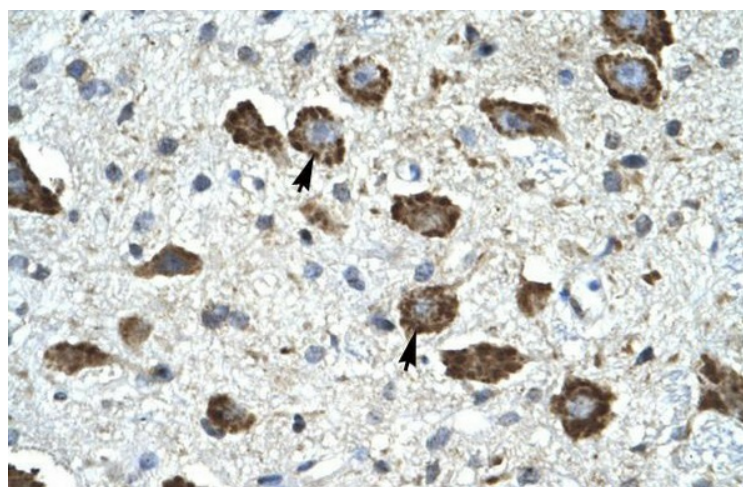
Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Mouse: 93%; Dog: 86%

**Protein Families:**

Druggable Genome, Ion Channels: Other

**Product images:**

WB Suggested Anti-KCNIP2 Antibody Titration:  
0.06 ug/ml; ELISA Titer: 1:62500; Positive Control:  
Jurkat cell lysate KCNIP2 is supported by BioGPS  
gene expression data to be expressed in Jurkat



Human Brain