

Product datasheet for TA338772

KChIP2 (KCNIP2) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

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:

LKQRFLKLLPCCGPQALPSVSEIGRVFRFLGDSSLPSALAAPASLRPHRP

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

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: 32 kDa

Gene Name: potassium voltage-gated channel interacting protein 2

Database Link: NP 055406

Entrez Gene 30819 Human

Q9NS61



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Background:

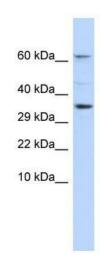
This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other 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: Human: 100%; Rabbit: 100%; Dog: 86%

Protein Families: Druggable Genome, Ion Channels: Other

Product images:



WB Suggested Anti-KCNIP2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human Liver