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Product datasheet for TA370535

KCNIP4 Rabbit Polyclonal Antibody

Product data:

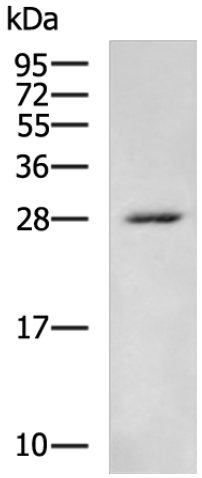
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Rat brain tissue lysate IHC: 100-300 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human KCNIP4
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	29 kDa
Gene Name:	potassium voltage-gated channel interacting protein 4
Database Link:	Entrez Gene 80333 Human Q6PIL6

View online »

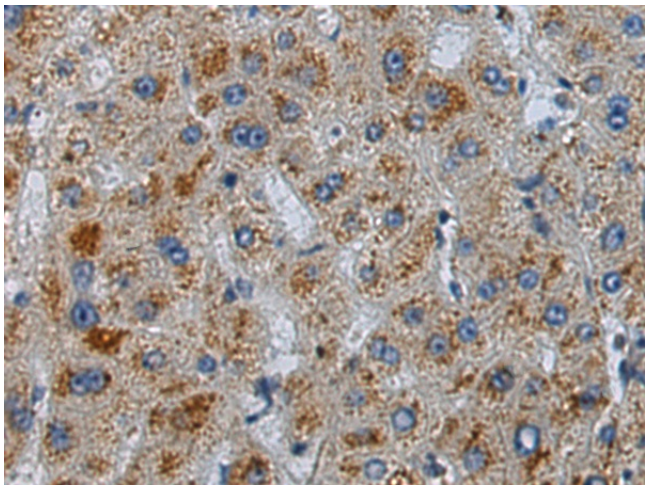
Background: This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from 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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.

Synonyms: CALP; KCHIP4; MGC44947

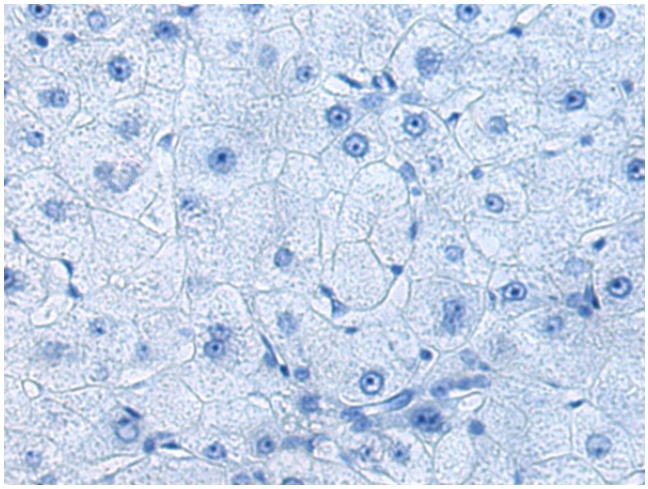
Product images:



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: Rat brain tissue lysate
Primary antibody: TA370535 (KCNIP4 Antibody) at dilution 1/800
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA370535 (KCNIP4 Antibody) at dilution 1/120 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA370535 (KCNIP4 Antibody) at dilution 1/120, treated with fusion protein. (Original magnification: ×200)