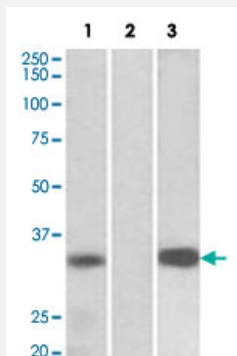


KCNIP3 polyclonal antibody

Catalog # PAB25445 Size 100 ug

Applications



Western Blot (Transfected lysate)

HEK293 lysate (10 ug protein in RIPA buffer) overexpressing human KCNIP3 with C-terminal MYC tag probed with KCNIP3 polyclonal antibody (Cat # PAB25445) (1 ug/mL) in Lane 1 and probed with anti-MYC Tag (1/1000) in lane 3. Mock-transfected HEK293 probed with KCNIP3 polyclonal antibody (Cat # PAB25445) (1 mg/mL) in Lane 2. Primary incubations were for 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of KCNIP3.
Immunogen	A synthetic peptide corresponding to internal region of human KCNIP3.
Sequence	CHTPLSKKEGIK
Host	Goat
Theoretical MW (kDa)	30
Reactivity	Human
Specificity	This antibody is expected to recognize isoform 1 (NP_038462.1) only.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL

Recommend Usage	ELISA (1:8000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — KCNIP3

Entrez GeneID	30818
Protein Accession#	NP_038462.1
Gene Name	KCNIP3
Gene Alias	CSEN, DREAM, KCHIP3, MGC18289
Gene Description	Kv channel interacting protein 3, calsenilin
Omim ID	604662
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins, which belong to the recoverin branch of the EF-hand superfamily. Members of this family are small calcium binding proteins containing EF-hand-like domains. They are integral subunit components of native Kv4 channel complexes that may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. The encoded protein also functions as a calcium-regulated transcriptional repressor, and interacts with presenilins. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations

A-type potassium channel modulatory protein 3|DRE-antagonist modulator|Kv channel interacting protein 3|calsenilin, presenilin-binding protein, EF hand transcription factor|potassium channel interacting protein 3

Disease

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