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Research Use Only. Not for diagnostic or therapeutic use.

EB10525 - Goat Anti-KCNIP3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: A-type potassium channel modulatory protein 3, calsenilin, presenilin-binding protein, EF hand transcription f, CSEN, DREAM, DRE-antagonist modulator, KCHIP3, Kv channel interacting protein 3, Kv channel interacting protein 3,

calsenilin, MGC18289, KCNIP3

Official Symbol: KCNIP3

Accession Number(s): NP_038462.1

Human GeneID(s): 30818

Important Comments: This antibody is expected to recognize isoform 1 (NP_038462.1)

only.

Immunogen

Peptide with sequence C-HTPLSKKEGIK, from the internal region of the protein sequence according to NP_038462.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

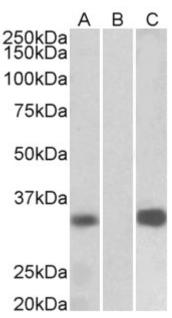
Western blot: In transfected HEK293 transiently expressing Human KCNIP3 a band of approx. 30kDa was observed. No bands are observed in the non-transfected HEK293. The calculated molecular size is 29.2kDa according to NP_038462.1. Recommended concentration, 1-3μg/ml.

Purchase the +ve control! The transfected lysate used in QC is available for sale. Please email sales@everestiotech.com to request datasheet, pricing and delivery information.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Cow



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human KCNIP3 with C-terminal MYC tag probed with EB10525 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB10525 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.