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Research Use Only. Not for diagnostic or therapeutic use.

EB11266 - Goat Anti-KCNC3 / Kv3.3 (aa317-328) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KSHIIID, KV3.3, OTTHUMP00000042078, potassium voltage-gated channel subfamily C member 3, potassium voltage-gated channel, Shaw-related subfamily, member 3, SCA13, Shaw-related voltage-gated potassium channel protein 3, voltage-gated potassium channel protein KV3.3, voltage-gated potassium channel subunit Kv3.3, KCNC3

Official Symbol: KCNC3

Accession Number(s): NP_004968.2

Human GeneID(s): 3748

Non-Human GenelD(s): 16504 (mouse), 117101 (rat)

Immunogen

Peptide with sequence C-HISNKTVTQASP, from the internal region of the protein sequence according to NP_004968.2.

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 1:16000.

Western blot: Approx 80kDa band observed in Mouse and Rat Brain lysates (calculated MW of 81.9kDa according to Mouse NP_032448.2). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Pig

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

EB11266 ($0.3\mu g/ml$) staining of Mouse Brain lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.