

### **UK Office**

#### **Everest Biotech Ltd**

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD

UK

**Enquiries:** 

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB07388 - Goat Anti-KCNC3 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** KCNC3, potassium voltage-gated channel, Shaw-related subfamily, member 3, KSHIIID, KV3.3, SCA13, Shaw-related voltage-gated potassium channel protein 3, spinocerebellar ataxia 13, voltage-gated potassium channel protein KV3.3

Official Symbol: KCNC3

Accession Number(s): NP\_004968.2

Human GeneID(s): 3748

#### **Immunogen**

Peptide with sequence C-KPGPPSFLPDLNAN, from the C Terminus of the protein sequence according to NP\_004968.2.

Please note the <u>peptide</u> 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 1:32000.

**Western blot:** Approx 80Da band observed in human brain (Frontal Cortex) lysates (calculated MW of 80.6kDa according to NP\_004968.2). Recommended concentration:  $0.3-1\mu g/ml$ .

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB07388 (0.3 $\mu$ g/ml) staining of human brain (Frontal Cortex) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.