



## International Office

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**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, KSHIID, 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 [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

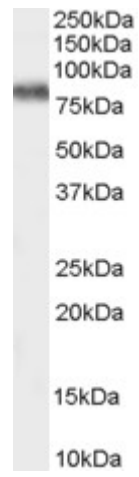
**Peptide ELISA:** antibody detection limit dilution 1:32000.

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

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



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.