



## UK Office

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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:** KSHIID, 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 GeneID(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

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