

#### **International Office**

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# EB09682 - Goat Anti-PROKR2 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** PROKR2, prokineticin receptor 2, GPR73L1, GPR73b, GPRg2, KAL3, PKR2, dJ680N4.3, G protein-coupled receptor 73-like 1, OTTHUMP00000030192

Official Symbol: PROKR2

Accession Number(s): NP\_658986.1

Human GeneID(s): 128674

Non-Human GenelD(s): 192649 (rat)

#### **Immunogen**

Peptide with sequence C-NGNTSFTPNFN, from the internal region of the protein sequence according to NP\_658986.1.

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 1:32000.

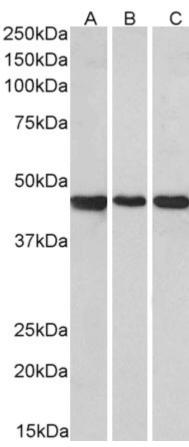
**Western blot:** Approx 45kDa band observed in Human Brain (Cerebellum), Testis and Thyroid Gland and in Rat Brain, Stomach and Testis lysates (calculated MW of 44.0kDa according to Human NP\_658986.1 and 47.9kDa according to Rat NP\_620434.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.

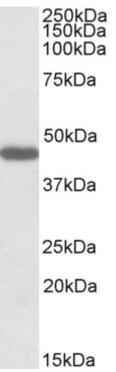
### **Species Reactivity**

Tested: Human, Rat

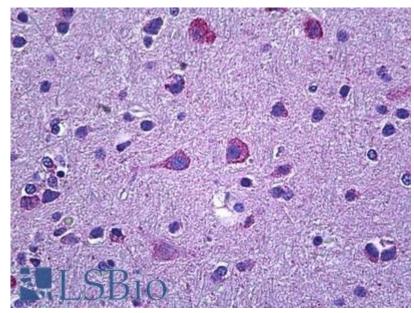
Expected from sequence similarity: Human, Rat



EB09682 (0.1μg/ml) staining of Human Cerebellum (A), Rat Brain (B) and Rat Testis (C) lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB09682 ( $1\mu g/ml$ ) staining of Rat Stomach lysate ( $35\mu g$  protein in RIPA buffer). Detected by chemiluminescence.



EB09682 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.