



## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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 GeneID(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).

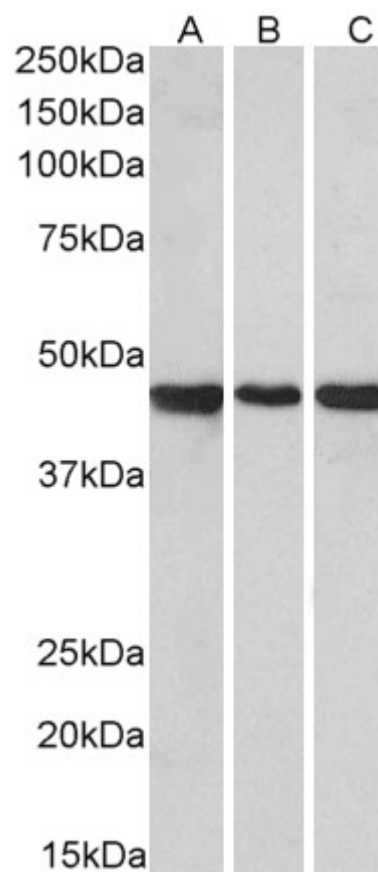
Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

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

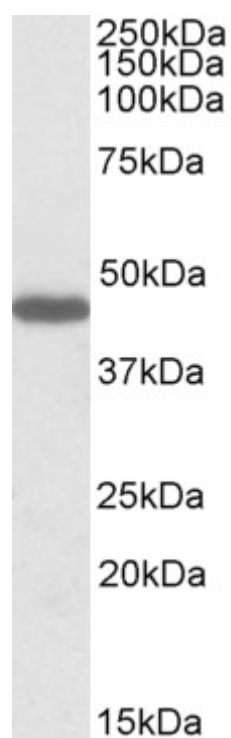
### Species Reactivity

**Tested:** Human, Rat

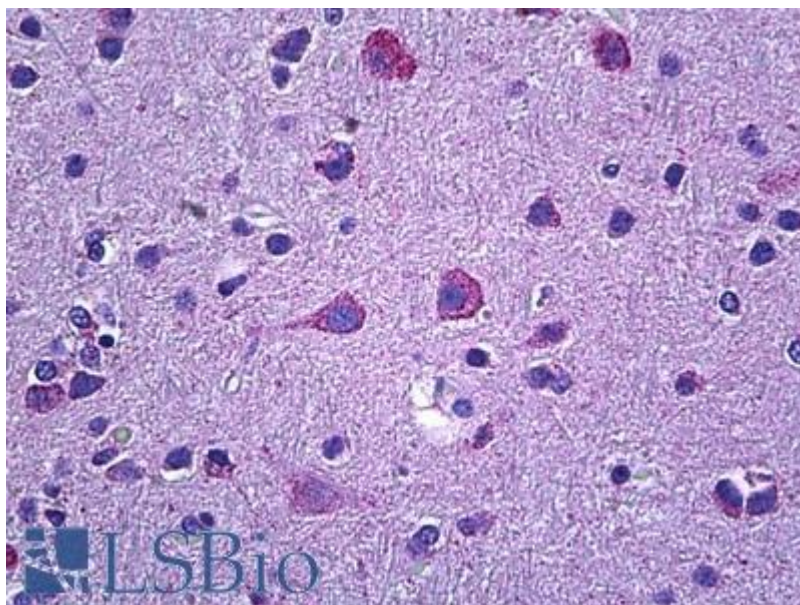
**Expected from sequence similarity:** Human, Rat



EB09682 (0.1 $\mu$ g/ml) staining of Human Cerebellum (A), Rat Brain (B) and Rat Testis (C) lysate (35 $\mu$ g 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 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.