

#### **International Office**

#### **Everest Biotech Ltd**

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

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# EB08480 - Goat Anti-CHRNB2 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** CHRNB2, cholinergic receptor, nicotinic, beta 2 (neuronal), EFNL3, nAChRB2, cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal), neuronal nicotinic

acetylcholine receptor beta 2 **Official Symbol:** CHRNB2

Accession Number(s): NP\_000739.1

Human GeneID(s): 1141

#### **Immunogen**

Peptide with sequence QPRHHCARQRLR, from the internal region of the protein sequence according to NP\_000739.1.

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 1:64000.

**Western blot**: Approx. 40-48 kDa band observed in Human Brain (Cerebellum),) lysates (calculated MW of 57.0 kDa according to NP\_000739.1). This molecular weight is routinely observed by other sources. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Uterus. Recommended concentration: 2.5µg/ml.

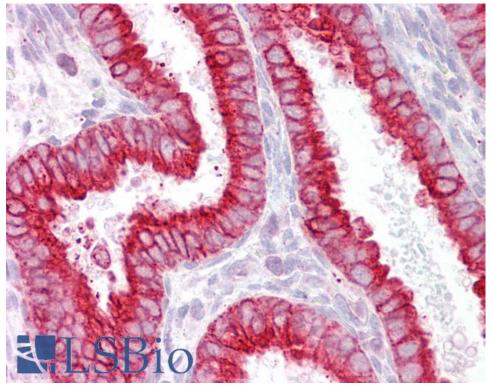
#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB08480 (1 $\mu$ g/ml) staining of Human Cerebellum lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB08480 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.