

#### **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

Research Use Only. Not for diagnostic or therapeutic use.

# EB12316 - Goat Anti-S100B Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** S100B, S100 calcium binding protein B, NEF, S100, S100-B, S100beta, S-100 calcium-binding protein, beta chain, S-100 protein subunit beta, S100

calcium-binding protein, beta (neural), protein S100-B

Official Symbol: S100B

Accession Number(s): NP\_006263.1

Human GeneID(s): 6285

#### **Immunogen**

Peptide with sequence C-SHFLEEIKEQEVVD, from the internal region of the protein sequence according to NP\_006263.1.

Please note the <u>peptide</u> 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 10kDa band observed in Human Brain (Olfactory Bulb and Cerebellum) lysates (calculated MW of 10.7kDa according to NP\_006263.1).

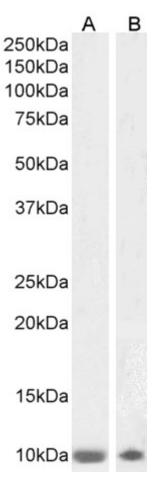
Recommended concentration: 1-3µg/ml.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

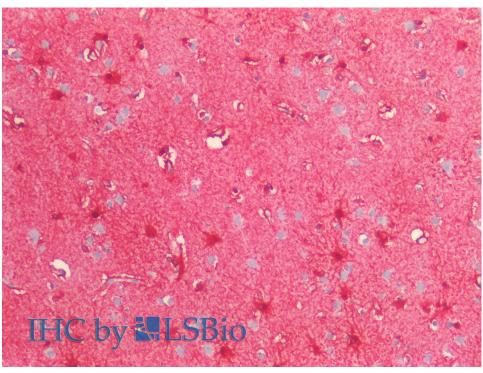
### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB12316 (1µg/ml) staining of Human Olfactory Bulb (A) and Cerebellum (B) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12316 (5μg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.