

## 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.**

## 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 [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 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.

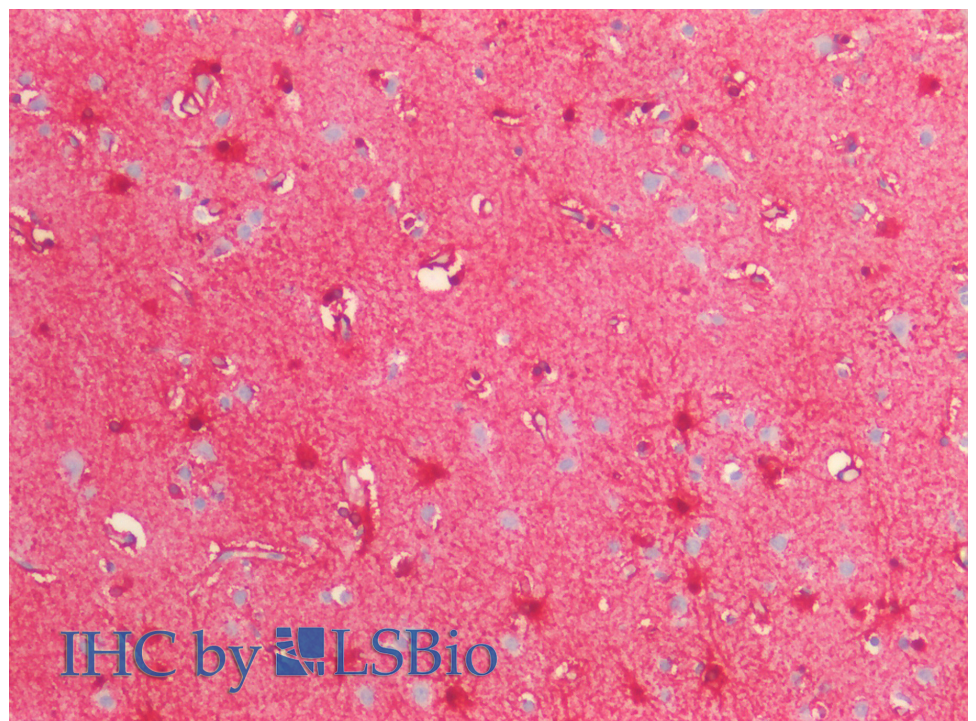
### Species Reactivity

**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.