

### **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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# EB11694 - Goat Anti-Endophilin-A1 / SH3GL2 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: bA335L15.1 (SH3-domain GRB2-like 2), CNSA2, EEN-B1, endophilin,

Endophilin A1 BAR domain, endophilin-1, FLJ20276, FLJ25015,

OTTHUMP00000021084, SH3 domain protein 2A, SH3 domain-containing GRB2-like

protein 2, SH3D2A, SH3-domain GRB2-like 2, SH3GL2, SH3P4

Official Symbol: SH3GL2

Accession Number(s): NP\_003017.1

Human GeneID(s): 6456

### **Immunogen**

Peptide with sequence C-SLEFPTGDSTQPN, from the internal region of the protein

sequence according to NP\_003017.1.

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.

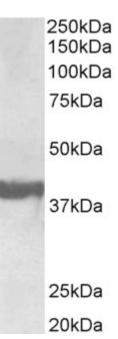
**Western blot:** Approx 38kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 40.0kDa according to NP\_003017.1). Recommended concentration: 0.3-1µg/ml.

**IHC:** In paraffin embedded Human Cerebral Cortex shows staining of cytoplasm in some but not all neuronal cells. Recommended concentration, 5-10μg/ml.

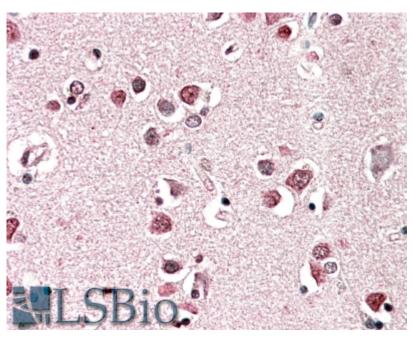
### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Pig



EB11694 (0.3μg/ml) staining of Human Frontal Cortex lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11694 (5µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.