

#### **UK Office**

#### **Everest Biotech Ltd**

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB10691 - Goat Anti-Endophilin-A2 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** SH3GL1, SH3-domain GRB2-like 1, CNSA1, EEN, MGC111371, SH3D2B, SH3P8, EEN fusion partner of MLL, SH3 domain GRB2-like 1, SH3 domain-containing GRB2-like protein 1, SH3-containing Grb-2-like 1 protein, SH3-containing protein EEN, endophilin-A2, endophilin-2, SH3 domain protein 2B, extra

11-19 leukemia fusion, extra eleven-nineteen leukemia fusion gene protein

Official Symbol: SH3GL1

Accession Number(s): NP\_003016.1

Human GeneID(s): 6455

### **Immunogen**

Peptide with sequence C-EPFDLGEPEQSN, from the internal region of the protein sequence according to NP\_003016.1.

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 48kDa band observed in lysates of cell line K562 (calculated MW of 41.5kDa according to NP\_003016.1. The observed molecular weight corresponds to earlier findings in literature with different antibodies (So et al, Proc Natl Acad Sci U S A. 1997 Mar 18;94(6):2563-8.; PMID: 9122235). Recommended concentration:  $0.3-1\mu g/ml$ . Primary incubation was 1 hour.

IHC: Paraffin embedded Human Small Intestine. Recommended concentration: 5µg/ml.

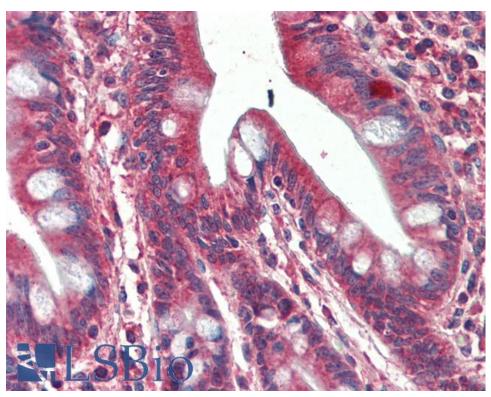
# **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB10691 (0.3µg/ml) staining of K562 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10691 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.