



## 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.**

## EB06967 - Goat Anti-BAALC Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BAALC, brain and acute leukemia, cytoplasmic, HGNC:14333, FLJ12015

**Official Symbol:** BAALC

**Accession Number(s):** NP\_079088.1

**Human GeneID(s):** [79870](#)

**Non-Human GeneID(s):** 118452 (mouse), 140720 (rat)

**Important Comments:** This antibody is expected to recognise isoform 1 (NP\_079088.1) only.

### Immunogen

Peptide with sequence C-KQNGQLQTTEAKRDAK, from the internal region of the protein sequence according to NP\_079088.1.

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

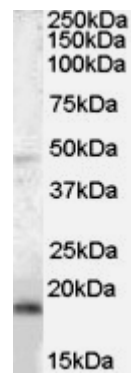
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx 18kDa band observed in mouse brain lysates (calculated MW of 15.6kDa according to human NP\_079088.1 and of 15.5kDa according to mouse NP\_542371.1. Recommended concentration: 0.03-0.1µg/ml. An approx, 48kDa band was consistently observed in both Human and Mouse Brain lysates. This band was successfully blocked by incubation with the immunising peptide.

### Species Reactivity

**Tested:** Mouse

**Expected from sequence similarity:** Human, Mouse, Rat, Pig



EB06967 (0.03 $\mu$ g/ml) staining of mouse brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.