

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.

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 GenelD(s): 118452 (mouse), 140720 (rat)

Important Comments: This antibody is expected to recognise isoform 1 (NP_079088.1)

only.

Immunogen

Peptide with sequence C-KQNGLQTTEAKRDAK, 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 μ g/ml) staining of mouse brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.