

## BAALC Antibody

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

**CATALOG NO.:** 45-313

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

BAALC Antibody. This antibody is expected to recognise isoform 1 (NP\_079088.1) only.

**SOURCE:**

BAALC antibody was raised against a synthetic peptide of BAALC.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_079088.1

**SPECIES REACTIVITY:**

Human, Mouse, Rat, Pig

**TESTED APPLICATION:**

WB, E

**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:64,000.  
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 additional band of unknown identity was also consistently observed at 48kDa in both Human and Mouse Brain lysates. This band was successfully blocked by incubation with the immunising peptide.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of BAALC in mouse brain lysate (35µg protein in RIPA buffer) using BAALC antibody (0.03µg/ml).

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

Satoskar AA, Tanner SM, Weinstein M, Qualman SJ, de la Chapelle A. Baal, a marker of mesoderm and muscle. *Gene Expr Patterns*. 2005 Apr;5(4):463-73.

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.