

Datasheet for ABIN334357
anti-BAALC antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	BAALC
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This BAALC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	BAALC
Immunogen:	Peptide with sequence C-KQNGLTTEAKRDAK, from the internal region of the protein sequence according to NP_079088.1.
Sequence:	KQNGLTTEA KRDAK
Isotype:	IgG
Specificity:	This antibody is expected to recognise isoform 1 (NP_079088.1) only.
Cross-Reactivity:	Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

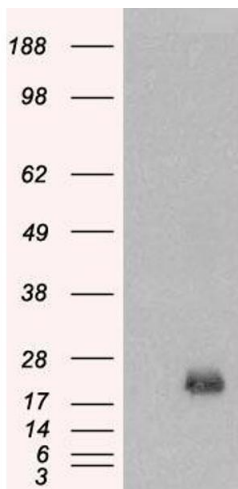
Target:	BAALC
Alternative Name:	BAALC (BAALC Products)
Background:	BAALC, brain and acute leukemia, cytoplasmic , HGNC:14333, FLJ12015
Gene ID:	79870, 118452, 140720
NCBI Accession:	NP_079088

Application Details

Application Notes:	Western Blot: Approx 18 kDa band observed in mouse brain lysates (calculated MW of 15.6 kDa according to human NP_079088.1 and of 15.5 kDa according to mouse NP_542371.1. Recommended concentration: 0.03-0.1 µg/mL. An approx, 48 kDa band was consistently observed. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. HEK293 overexpressing BAALC (ABIN5339300) and probed with ABIN334357 (mock transfection in first lane).



Image 2. ABIN334357 (0.03µg/ml) staining of mouse brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.