

**BAALC Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6605a****Specification**

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**BAALC Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q8WXS3](#)**BAALC Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 79870**Other Names**

Brain and acute leukemia cytoplasmic protein, BAALC

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6605a](/products/AP6605a) was selected from the N-term region of human BAALC. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**BAALC Antibody (N-term) Blocking Peptide - Protein Information****Name** BAALC {ECO:0000303|PubMed:11707601}**Function**

May play a synaptic role at the postsynaptic lipid rafts possibly through interaction with CAMK2A.

**Cellular Location**

Cytoplasm. Synapse, synaptosome {ECO:0000250|UniProtKB:Q920K5}. Membrane raft {ECO:0000250|UniProtKB:Q920K5}. Postsynaptic density {ECO:0000250|UniProtKB:Q920K5}. Note=In neurons, localizes to postsynaptic lipid rafts (By similarity). In myocardial and skeletal muscle cells, localizes to the cytoplasm adjacent to the inner cell membrane, polarized to one end of the myocyte (By similarity) {ECO:0000250|UniProtKB:Q8VHV1, ECO:0000250|UniProtKB:Q920K5}

**Tissue Location**

Predominantly expressed in neuroectoderm-derived tissues. Expressed in the brain and spinal

cord, and at low levels, in the adrenal gland. In the bone marrow, confined to the CD34+ progenitor cells. Not found in peripheral blood mononuclear cells, nor lymph nodes. Tends to be expressed at high levels in acute myeloid leukemia and glioblastoma cells.

#### **BAALC Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **BAALC Antibody (N-term) Blocking Peptide - Images**

#### **BAALC Antibody (N-term) Blocking Peptide - Background**

BAALC may play a synaptic role at the postsynaptic lipid rafts by interacting with CAMK2A.

#### **BAALC Antibody (N-term) Blocking Peptide - References**

Kuila,N., Leuk. Res. 33 (4), 594-596 (2009)Satoskar,A.A., Gene Expr. Patterns 5 (4), 463-473 (2005)