

**BAALC Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59405****Specification**

---

**BAALC Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">Q8WXS3</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15551

**BAALC Polyclonal Antibody - Additional Information****Gene ID** 79870**Other Names**

Brain and acute leukemia cytoplasmic protein, BAALC {ECO:0000303|PubMed:11707601}

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_E">E~~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**BAALC Polyclonal Antibody - 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 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**BAALC Polyclonal Antibody - Images**