

BAALC Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP59405

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q8WXS3
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15551

Additional Information

Gene ID	79870
Other Names	Brain and acute leukemia cytoplasmic protein, BAALC {ECO:0000303 PubMed:11707601}
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200,ELISA=1:5000-10000
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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.