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anti-BAALC antibody (Biotin)



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Quantity:	100 μL	
Target:	BAALC	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This BAALC antibody is conjugated to Biotin	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BAALC	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified by Protein A.	

Target Details		
Target:	BAALC	
Alternative Name:	BAALC (BAALC Products)	
Background:	Synonyms: BAALC, BAALC_HUMAN, Brain and acute leukemia cytoplasmic, Brain and acute leukemia cytoplasmic protein, brain and acute leukemia, cytoplasmic, FLJ12015. Background: BAALC is a 180 amino acid protein that localizes to both the membrane and the cytoplasm and exists as multiple alternatively spliced isoforms. Expressed by hematopoetic	

Target Details

and neural cells, BAALC interacts with CaMKII and is thought to play a role in synaptic function at postsynaptic lipid rafts. BAALC may be overexpressed in acute myeloid leukemia (AML), suggesting a role in tumorigenesis. The gene encoding BAALC maps to human chromosome 8, which consists of nearly 146 million base pairs, houses more than 800 genes and is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that maps to chromosome 8.

Gene ID:

79870

For Research Use only

Application Details

Application Notes:	WB 1:300-5000
	IHC-P 1:200-400

Handling

Restrictions:

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months