## antibodies .- online.com





## anti-BAALC antibody (AbBy Fluor® 750)



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Quantity:	100 μL		
Target:	BAALC		
Reactivity:	Human, Mouse, Rat		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This BAALC antibody is conjugated to AbBy Fluor® 750		
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))		
Product Details			
Immunogen:	KLH conjugated synthetic peptide derived from human BAALC		
Immunogen: Isotype:	KLH conjugated synthetic peptide derived from human BAALC		
Isotype:	IgG		
Isotype: Cross-Reactivity:	IgG Human, Mouse, Rat		
Isotype:  Cross-Reactivity:  Purification:	IgG Human, Mouse, Rat		
Isotype: Cross-Reactivity: Purification: Target Details	lgG Human, Mouse, Rat Purified by Protein A.		

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

## **Application Details**

Application Notes:	IF(IHC-P) 1:50-200  For Research Use only	
Restrictions:		
Handling		
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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	