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anti-ABLIM1 antibody (AA 681-778) (AbBy Fluor® 488)



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	N/P	r\/I	i⊢₩

Quantity:	100 μL	
Target:	ABLIM1	
Binding Specificity:	AA 681-778	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ABLIM1 antibody is conjugated to AbBy Fluor® 488	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ABLIM1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	ABLIM1
Alternative Name:	ABLIM1 (ABLIM1 Products)
Background:	Synonyms: ABLIM 1, ABLIM, abLIM-1, ABLIM-L, ABLIM-M, ABLIM-S, ABLIM1, ABLM1_HUMAN,

Actin binding double zinc finger protein, Actin binding LIM protein 1, Actin binding LIM protein family member 1, Actin-binding double zinc finger protein, Actin-binding double zinc finger protein, Actin-binding LIM protein 1, Actin-binding LIM protein family member 1, DKFZp781D0148, FLJ14564, KIAA0059, LIM actin binding protein 1, LIMAB 1, LIMAB1, Limatin, RGD1565768, RP11-317F20.1.

Background: The C. elegans protein Unc-115 mediates axon guidance by modulating the growth cone Actin cytoskeleton in response to signals received by growth cone receptors. The mammalian homolog of Unc-115 is the Actin-binding LIM protein family member 1 (ABLIM1, also designated Limatin). The ABLIM1 protein has an N-terminal domain that contains four double zinc finger motifs, which conform to the LIM motif consensus sequence. ABLIM1 binds to F-Actin through a dematin-like domain and is expressed in retina, brain and muscle tissue. There are four known isoforms of ABLIM1. The gene encoding ABLIM1 maps to a region of chromosome 10 associated with frequent loss of heterozygosity in human tumors, thus identifying ABLIM1 as a candidate tumor suppressor gene. ABLIM2 and ABLIM3 show highest expression in muscle and neuronal tissues, bind to F-Actin, and are localized on stress fibers. They also have been shown to enhance STARS (striated muscle activator of Rho signaling) dependent activation of serum-response factor (SRF), thereby modulating transcription.

Gene ID:

3983

Application Details

Application	Notes:
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IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions:

For Research Use only

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.	

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months