Datasheet for ABIN1391341 anti-ABLIM1 antibody (AA 681-778) (Biotin)

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Quantity:	100 µL
Target:	ABLIM1
Binding Specificity:	AA 681-778
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABLIM1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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,

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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:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
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.

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Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months