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Datasheet for ABIN1386547 **anti-ABLIM1 antibody (AA 681-778)**

Overview

Quantity:	100 µL
Target:	ABLIM1
Binding Specificity:	AA 681-778
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABLIM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

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)

Target Details

Background:	<p>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.</p> <p>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.</p>
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Gene ID:	3983
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Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL

Handling

Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months