ABLM1 Polyclonal Antibody

Catalog No	YP-Ab-05268
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	ABLIM1 ABLIM KIAA0059 LIMAB1
Protein Name	Actin-binding LIM protein 1 (abLIM-1) (Actin-binding LIM protein family member 1) (Actin-binding double zinc finger protein) (LIMAB1) (Limatin)
Immunogen	Synthesized peptide derived from human protein . at AA range: 520-600
Specificity	ABLM1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	85kD
Cell Pathway	Cytoplasm . Cytoplasm, cytoskeleton . Associated with the cytoskeleton. .
Tissue Specificity	Detected in liver, heart, skeletal muscle, brain and retina, where it is concentrated in the inner segment and in the outer plexiform layers.
Function	function:May act as scaffold protein (By similarity). May play a role in the development of the retina. Has been suggested to play a role in axon guidance.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 HP (headpiece) domain.,similarity:Contains 2 LIM zinc-binding domains.,similarity:Contains 4 LIM zinc-binding domains.,subcellular location:Associated with the cytoskeleton.,subunit:Binds F-actin. Interacts with ABRA.,tissue specificity:Detected in liver, heart, skeletal muscle, brain and retina, where it is concentrated in the inner segment and in the outer plexiform layers.,
Background	This gene encodes a cytoskeletal LIM protein that binds to actin filaments via a domain that is homologous to erythrocyte dematin. LIM domains, found in over 60 proteins, play key roles in the regulation of developmental pathways. LIM domains also function as protein-binding interfaces, mediating specific protein-protein interactions. The protein encoded by this gene could mediate such interactions between actin filaments and cytoplasmic targets. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq,

	Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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