

**ABLIM1 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10117c****Specification**

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**ABLIM1 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [O14639](#)  
Other Accession [NP\\_002304.3](#), [NP\\_006711.3](#), [NP\\_001003407.1](#),  
[NP\\_001003408.1](#)

**ABLIM1 Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 3983

**Other Names**

Actin-binding LIM protein 1, abLIM-1, Actin-binding LIM protein family member 1, Actin-binding double zinc finger protein, LIMAB1, Limatin, ABLIM1, ABLIM, KIAA0059, LIMAB1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ABLIM1 Antibody (Center) Blocking peptide - Protein Information**

**Name** ABLIM1

**Synonyms** ABLIM, KIAA0059, LIMAB1

**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.

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton. Note=Associated with the cytoskeleton.

**Tissue Location**

Detected in liver, heart, skeletal muscle, brain and retina, where it is concentrated in the inner segment and in the outer plexiform layers.

**ABLIM1 Antibody (Center) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **ABLIM1 Antibody (Center) Blocking peptide - Images**

#### **ABLIM1 Antibody (Center) Blocking peptide - 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.

#### **ABLIM1 Antibody (Center) Blocking peptide - References**

Feng, T., et al. Hum. Genet. 128(3):269-280(2010) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006)