

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

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)