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LIM2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16239b

Specification

LIM2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P55344

LIM2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 3982

Other Names
Lens fiber membrane intrinsic protein, MP18, MP19, MP20, LIM2

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.

LIM2 Antibody (C-term) Blocking Peptide - Protein Information

Name LIM2

Function
Present in the thicker 16-17 nm junctions of mammalian lens fiber cells, where it may contribute to cell junctional organization. Acts as a receptor for calmodulin. May play an important role in both lens development and cataractogenesis.

Cellular Location
Membrane; Multi-pass membrane protein.

Tissue Location
Eye lens specific..

LIM2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

LIM2 Antibody (C-term) Blocking Peptide - Images

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LIM2 Antibody (C-term) Blocking Peptide - Background

LIM2 is an eye lens-specific protein found atthe junctions of lens fiber cells, where it may contribute to celljunctional organization. It acts as a receptor for calmodulin, andmay play an important role in both lens development andcataractogenesis. Mutations in this gene have been associated withcataract formation.

LIM2 Antibody (C-term) Blocking Peptide - References

Ponnam, S.P., et al. Mol. Vis. 14, 1204-1208 (2008) :Hsu, H., et al. Sheng Wu Gong Cheng Xue Bao 20(4):507-515(2004)Wistow, G., et al. Mol. Vis. 8, 171-184 (2002) :Wistow, G., et al. Mol. Vis. 8, 185-195 (2002) :Pras, E., et al. Am. J. Hum. Genet. 70(5):1363-1367(2002)