10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LIM2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16239b

Specification

LIM2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P55344
Other Accession	P54825, P56563, P20274, NP_085915.2, NP_001155220.1
Reactivity	**Human**
Predicted	**Bovine, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**19674**
Antigen Region	**110-137**

LIM2 Antibody (C-term) - Additional Information

Gene ID 3982

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

Target/Specificity
This LIM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 110-137 amino acids from the C-terminal region of human LIM2.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
LIM2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LIM2 Antibody (C-term) - 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.

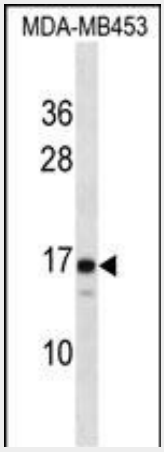
Tissue Location
Eye lens specific..

LIM2 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LIM2 Antibody (C-term) - Images



LIM2 Antibody (C-term) (Cat. #AP16239b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the LIM2 antibody detected the LIM2 protein (arrow).

LIM2 Antibody (C-term) - Background

LIM2 is an eye lens-specific protein found at the junctions of lens fiber cells, where it may contribute to cell junctional organization. It acts as a receptor for calmodulin, and may play an important role in both lens development and cataractogenesis. Mutations in this gene have been associated with cataract formation.

LIM2 Antibody (C-term) - 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)