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LIM2 Rabbit pAb

Catalog # AP96269

Product Information

Application	WB
Primary Accession	P55344
Other Accession	P55344
Reactivity	Mouse
Predicted	Rat, Human, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19674
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LIM2
Epitope Specificity	1-100/173
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
SIMILARITY	Belongs to the PMP-22/EMP/MP20 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009]

Additional Information

Gene ID	3982
Other Names	CTRCT19; MP17; MP19; LMIP_HUMAN; LIM2; MP18; MP20; lens intrinsic membrane protein 2; lens intrinsic membrane protein 2 (19kD); lens intrinsic membrane protein 2, 19kDa
Target/Specificity	Eye lens specific.
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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..

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.