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# anti-LIM2 antibody (N-Term)





Publication



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Quantity:	100 μL
Target:	LIM2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

# **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LIM2
Sequence:	GSFAHQGLWR YCLGNKCYLQ TDSIGEPPGQ GPGRAWGKSR ADLGAQGHLY
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against LIM2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

# **Target Details**

Target:	LIM2
Alternative Name:	LIM2 (LIM2 Products)
Background:	This gene encodes an eye lens-specific protein found at the junctions of lens fiber cells, where it

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may contribute to cell junctional organization. It acts as a receptor for calmodulin, and may play an important role in both lens development and cataracto
Alias Symbols: MP19, MP17
Protein Interaction Partner: LGALS3,
Protein Size: 215

Molecular Weight: 24 kDa

Gene ID: 3982

NCBI Accession:

NM\_030657, NP\_085915

Pathways:

Cell-Cell Junction Organization

# **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 215 AA
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Publications**

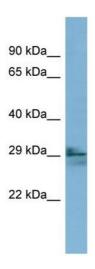
Product cited in:

Aubol, Wu, Keshwani, Movassat, Fattet, Hertel, Fu, Adams: "Release of SR Proteins from CLK1

by SRPK1: A Symbiotic Kinase System for Phosphorylation Control of Pre-mRNA Splicing." in: **Molecular cell**, Vol. 63, Issue 2, pp. 218-228, (2016) (PubMed).

Eisenreich, Zakrzewicz, Huber, Thierbach, Pepke, Goldin-Lang, Schultheiss, Pries, Rauch: "Regulation of pro-angiogenic tissue factor expression in hypoxia-induced human lung cancer cells." in: **Oncology reports**, Vol. 30, Issue 1, pp. 462-70, (2013) (PubMed).

### **Images**



#### **Western Blotting**

Image 1. WB Suggested Anti-LIM2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: COLO205 cell lysate