

Datasheet for ABIN2783982  
**anti-LIM2 antibody (N-Term)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

|                      |                       |
|----------------------|-----------------------|
| 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 TDSIGEPGQ GPRAWGKSR 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 ( <a href="#">LIM2 Products</a> )  |
| Background:       | This gene encodes an eye lens-specific protein found at the junctions of lens fiber cells, where it |

## Target Details

may contribute to cell junctional organization. It acts as a receptor for calmodulin, and may play an important role in both lens development and cataracts

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