

Anti-LIM Kinase 1 Rabbit Monoclonal Antibody

Introduction

Protein kinase which regulates actin filament dynamics. Phosphorylates and inactivates the actin binding/depolymerizing factor cofilin, thereby stabilizing the actin cytoskeleton. Stimulates axonal outgrowth and may be involved in brain development. Isoform 3 has a dominant negative effect on actin cytoskeletal changes.

Product parameters

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|--------------------|---|
| Alternative Names | LIMK1; LIMK; LIM domain kinase 1; LIMK-1 |
| Gene ID | 3984 |
| Gene Name | LIMK1 |
| SwissProt ID | P53667 |
| Host | Rabbit |
| Reactivity | Human, Mouse |
| Molecular Weight | Calculated MW: 73 kDa; Observed MW: 73 kDa |
| Conjugation | Unconjugated |
| Ex | - |
| Em | - |
| Modification | Unmodified |
| Clonality | IgG |
| Isotype | Monoclonal Antibody |
| Clonality No. | AP-15C1C11 |
| Form | Liquid |
| Concentration | See label |
| Carrier | Carrier Free |
| Immunogen | A synthesized peptide derived from human LIM Kinase 1 |
| Purification | Affinity Chromatography |
| Buffer System | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Application | WB |
| Dilution Ratio | WB: 1/500-1/1000 |
| Research Field | Neuroscience |
| Product Categories | Primary antibody |
| Shipping | Blue ice |

| | |
|-----------------|----------------------------------|
| Storage | -20°C |
| Expiration Date | 12 months |
| Note | Please avoid freeze-thaw cycles. |

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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