

Datasheet for ABIN548441

**anti-LIM Domain Kinase 1 antibody (C-Term)****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	LIM Domain Kinase 1 (LIMK1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIM Domain Kinase 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of LIMK1.
Immunogen:	A synthetic peptide corresponding to C-terminus of human LIMK1.
Specificity:	This sequence is conserved in rat and mouse LIMK1, and is not found in LIMK2.
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Synthetic Peptide.

## Target Details

Target:	LIM Domain Kinase 1 (LIMK1)
Alternative Name:	LIMK1 ( <a href="#">LIMK1 Products</a> )
Gene ID:	3984

## Target Details

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Pathways: [Caspase Cascade in Apoptosis](#), [Regulation of Cell Size](#), [CXCR4-mediated Signaling Events](#)

## Application Details

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Application Notes: ELISA (1:2000)  
Western Blot (1:500)  
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: In PBS (50 % glycerol, 1 mg/mL BSA, 0.05 % sodium azide)

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in: Kobayashi, Nishita, Mishima, Ohashi, Mizuno: "MAPKAPK-2-mediated LIM-kinase activation is critical for VEGF-induced actin remodeling and cell migration." in: **The EMBO journal**, Vol. 25, Issue 4, pp. 713-26, (2006) ([PubMed](#)).



Western Blotting

**Image 1.** Western blot of activated mouse recombinant LIMK1untreated (lane 1) or treated with lambda phosphatase (lane 2). The blots were probed with LIMK1 polyclonal antibody .