

Datasheet for ABIN3028800

anti-LIM Domain Kinase 1 antibody (AA 479-508)[Go to Product page](#)**2** Images

Overview

Quantity:	0.4 mL
Target:	LIM Domain Kinase 1 (LIMK1)
Binding Specificity:	AA 479-508
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LIM Domain Kinase 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 479-508 from the human protein was used as the immunogen for this LIMK1 antibody.
Clone:	175CT3-2-5
Isotype:	IgG1 kappa
Purification:	Purified

Target Details

Target:	LIM Domain Kinase 1 (LIMK1)
Alternative Name:	LIMK1 (LIMK1 Products)
Background:	Protein kinase which regulates actin filament dynamics. Phosphorylates and inactivates the

Target Details

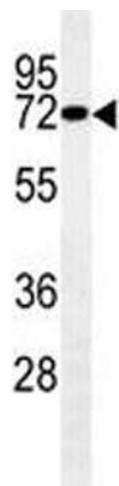
actin binding/depolymerizing factor cofilin, thereby stabilizing the actin cytoskeleton.
Stimulates axonal outgrowth and may be involved in brain development. Isoform 3 has a dominant negative effect on actin cytoskeletal changes.

UniProt:	P53667
Pathways:	Caspase Cascade in Apoptosis , Regulation of Cell Size , CXCR4-mediated Signaling Events

Application Details

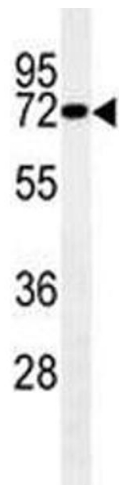
Application Notes:	Titration of the LIMK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:100-1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
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:	Aliquot the LIMK1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. LIMK1 antibody western blot analysis in mouse brain tissue lysate.



Western Blotting

Image 2. LIMK1 antibody western blot analysis in mouse brain tissue lysate.