

LIMK1

Reactivity: Human Mouse

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:1000

Calculated MW: 73kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human LIMK1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

r

Synonym:

LIMK

Catalog #: A0547

Antibody Type:

Monoclonal Antibody

Species: Mouse

Gene ID: 3984

Isotype: IgG

Swiss Prot: P53667

Purity: Affinity purification

For research use only.

Background:

LIMK1, also named LIMK, belongs to the protein kinase superfamily and TKL Ser/Thr protein kinase family. LIMK1 is a protein kinase which regulates actin filament dynamics. Phosphorylates and inactivates the actin binding/depolymerizing factor cofilin, thereby stabilizing the actin cytoskeleton. Isoform 3 has a dominant negative effect on actin cytoskeletal changes. LIMK1 may be involved in brain development. The antibody has no cross-reaction with LIMK2.

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