LIMK1(Phospho-Thr508) Antibody

Catalog No: #11126



Package Size: #11126-1 50ul #11126-2 100ul #11126-4 25ul

Overview

Product Name	LIMK1(Phospho-Thr508) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	LIMK1
Modification	Phospho-Thr508
Alternative Names	LIMK-1; kinase LIMK1;

Application Details

Predicted MW: 72kd
Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100
Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from UV-treated C2C12, PMA-treated Hela and anisomycin-treated 293 cells using LIMK1(Phospho-Thr508) Antibody #11126.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using LIMK1(Phospho-Thr508) Antibody #11126(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using LIMK1(Phospho-Thr508) Antibody #11126.

Descriptions	
Immunogen	Peptide sequence around phosphorylation site of threonine 508 (R-Y-T(p)-V-V) derived from Human LIMK1.
Specificity	The antibody detects endogenous level of LIMK1 only when phosphorylated at threonine 508.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P53667NCBI Protein: NP_002305.1

Related Information

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. May be involved in brain development. Soosairajah J, et al. (2005) EMBO J.

Ohashi K, et al. (2000) J Biol Chem; 275(5): 3577-82. Edwards DC, et al. (1999) Nat Cell Biol; 1(5): 253-9.

Published Papers

Li, X., Ke, Q., Li, Y. el at., DGCR6L, A Novel PAK4 Interaction Protein, Regulates PAK4-mediated migration of Human Gastric Cancer Cell via LIMK1., International Journal of Biochemistry and Cell Biology, 42: 70B°C79(2008) PMID:19778628

Note: This product is for in vitro research use only and is not intended for use in humans or animals.