

LIMK1 Antibody | anti-LIMK1 antibody

LIMK1 (Phospho-Thr508) Antibody

CATALOG # AAA111127	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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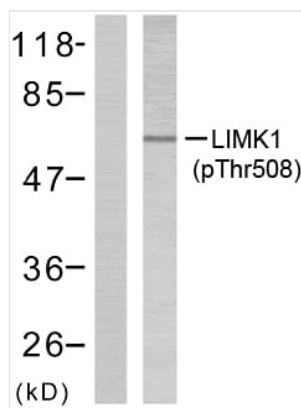
PRODUCT SYNONYMS

LIMK1; LIMK1 (Phospho-Thr508) Antibody; anti-LIMK1 antibody

PRODUCT SPECIFICATIONS

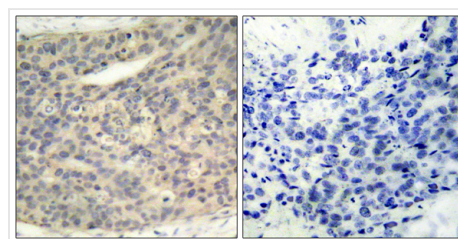
Reactivity	Human, Mouse, Rat
Specificity	LIMK1 (phospho-Thr508) antibody detects endogenous levels of LIMK1 only when phosphorylated at threonine 508.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	613
Applicable Applications for anti-LIMK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human LIMK1 around the phosphorylation site of threonine 508 (R-Y-TP-V-V).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extract from NIH/3T3 cells treated or untreated with UV (60min), using LIMK1 (phospho-Thr508) antibody.



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using LIMK1 (phospho-Thr508) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-LIMK1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	324715046
NCBI GeneID	3984
NCBI Accession #	NP_001191355.1
NCBI GenBank Nucleotide #	NM_001204426.1
UniProt Accession #	P53667; O15283; Q15820; Q15821; Q75MU3; Q9Y5Q1; B7Z6I8; D3DXF4; D3DXF5
Molecular Weight	68,729 Da
NCBI Official Full Name	LIM domain kinase 1 isoform 2
NCBI Official Synonym Full Names	LIM domain kinase 1
NCBI Official Symbol	LIMK1
NCBI Official Synonym Symbols	LIMK; LIMK-1
NCBI Protein Information	LIM domain kinase 1
UniProt Protein Name	LIM domain kinase 1
UniProt Gene Name	LIMK1
UniProt Synonym Gene Names	LIMK; LIMK-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.