

Datasheet for ABIN1531896

anti-LIM Domain Kinase 1 antibody (pThr508)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	LIM Domain Kinase 1 (LIMK1)
Binding Specificity:	AA 471-520, pThr508
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIM Domain Kinase 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human LIMK1 around the phosphorylation site of Thr508.
Isotype:	IgG
Specificity:	LIMK1 (Phospho-Thr508) Antibody detects endogenous levels of LIMK1 only when phosphorylated at Thr508. PhosphorylationH:T508 M:T508 R:T508
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

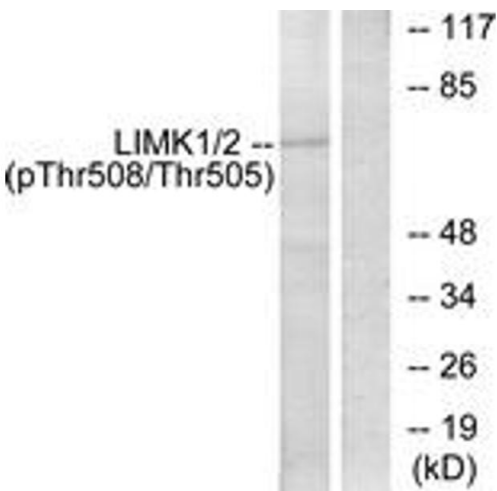
Target:	LIM Domain Kinase 1 (LIMK1)
Alternative Name:	LIMK1 (LIMK1 Products)
Background:	Synonyms: kinase LIMK1, KIZ-1, LIM domain kinase 1, LIMK, LIMK-1 NCBI Gene Symbol: LIMK1
Molecular Weight:	72 kDa
Gene ID:	3984
OMIM:	194050
UniProt:	P53667
Pathways:	Caspase Cascade in Apoptosis , Regulation of Cell Size , CXCR4-mediated Signaling Events

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
Comment:	Unigene-Number: Hs.647035 (NCBI Gene Symbol: LIMK1)
Restrictions:	For Research Use only

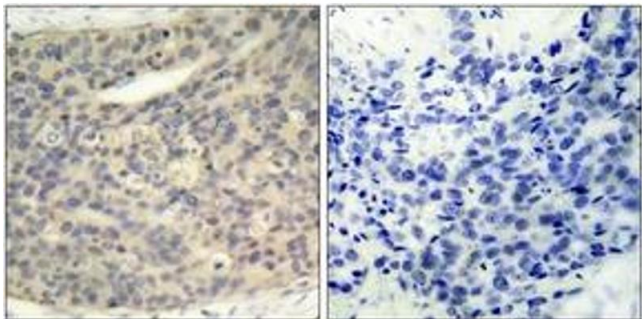
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from COLO205 cells, using LIMK1 (Phospho-Thr508) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using LIMK1 (Phospho-Thr508) Antibody. The picture on the right is treated with the synthesized peptide.