
Product Name: Phospho-LIM Kinase 1 (Thr508) Rabbit Polyclonal Antibody**Catalog #: APRab00951**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:100-1:200
Molecular Weight	Calculated MW: 73 kDa; Observed MW: 73 kDa

Antigen Information

Gene Name	LIMK1
Alternative Names	LIMK1; LIMK; LIM domain kinase 1; LIMK-1
Gene ID	3984
SwissProt ID	P53667
Immunogen	A synthetic Phosphorylated peptide corresponding to residues target protein

Background

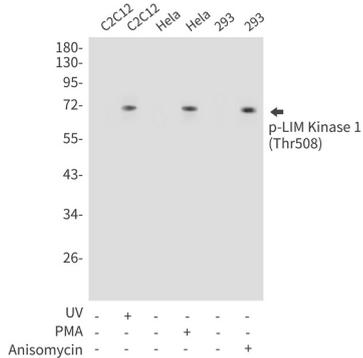
Protein kinase which regulates actin filament dynamics. Phosphorylates and inactivates the actin binding/depolymerizing factor cofilin, thereby stabilizing the actin cytoskeleton. Stimulates axonal outgrowth and may be involved in brain

development. Isoform 3 has a dominant negative effect on actin cytoskeletal changes.

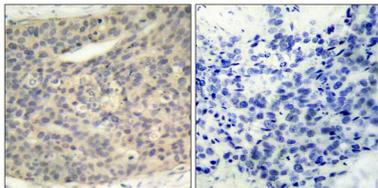
Research Area

Neuroscience

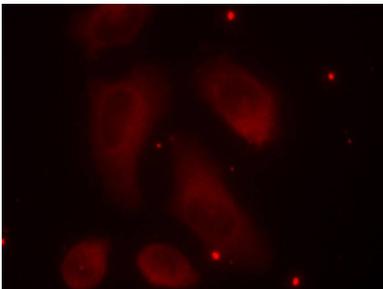
Image Data



Western blot analysis of Phospho-LIM Kinase 1 (Thr508) in C2C12, HeLa, 293 lysates using Phospho-LIM Kinase 1 (Thr508) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using LIMK1(Phospho-Thr508) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Immunofluorescence analysis of Phospho-LIM Kinase 1 (Thr508) in HeLa cells using LIMK1(Phospho-Thr508) antibody (red).