Anti-Phospho-LIM Kinase 1 (Thr508) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011504

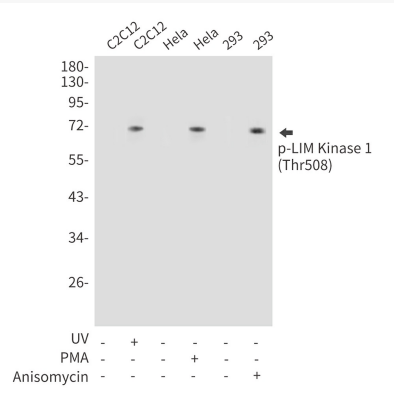
Product Information

Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ICC 1:100~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Synthetic peptide of human LIMK1
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-LIM Kinase 1 (Thr508) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

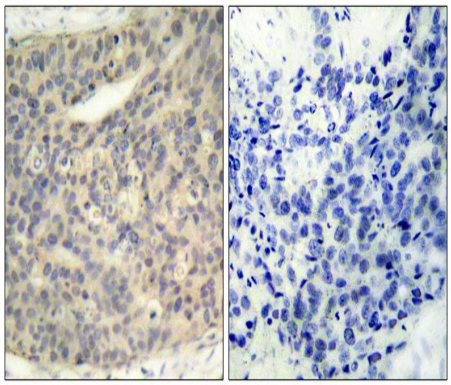
Protein Information

Synonyms	LIMK1, LIMK, LIM domain kinase 1, LIMK-1.
Calculated MW	Calculated MW: 73 kDa; Observed MW: 73 kDa
Uniprot ID	P53667
Gene ID	3984
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.

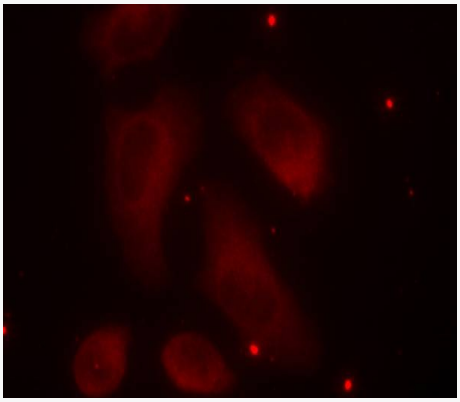
Validation Images



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) .