

Product Datasheet

LIM Kinase 1 Antibody - BSA Free NBP1-87721

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-87721

LIM Kinase 1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

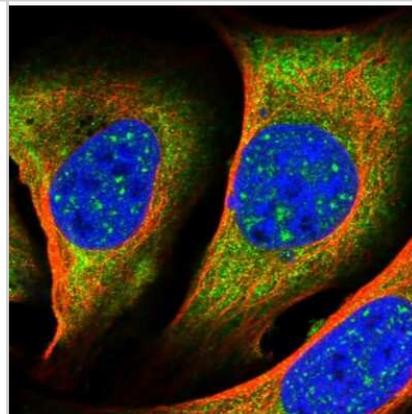
Product Description	
Host	Rabbit
Gene ID	3984
Gene Symbol	LIMK1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 22253135)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EHSKLYCGHCYYQTVVTPVIEQILPDSPGSHLPHTVTLVSIPASSHGKRGLSVSI DPPHGPPGCGTEHSHTVRVQGVDPGCMSPDVKNSIHV

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	IHC, WB reported in scientific literature (PMID: 25237832). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

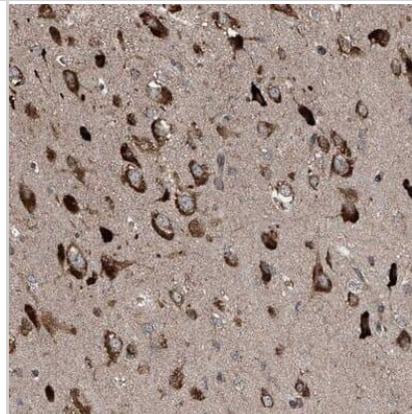


Images

Immunocytochemistry/Immunofluorescence: LIM Kinase 1 Antibody [NBP1-87721] - Immunofluorescent staining of human cell line U-2 OS shows localization to nuclear speckles & cytosol.



Immunohistochemistry-Paraffin: LIM Kinase 1 Antibody [NBP1-87721] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuronal cells.



Publications

Park JB, Agnihotri S, Golbourn B et al. Transcriptional profiling of GBM invasion genes identifies effective inhibitors of the LIM kinase-Cofilin pathway. *Oncotarget* 2014-10-15 [PMID: 25237832] (WB, IF/IHC, Human)

Li A, Ponten F, dos Remedios CG. The interactome of LIM domain proteins: the contributions of LIM domain proteins to heart failure and heart development. *Proteomics* 2012-01-01 [PMID: 22253135]



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Products Related to NBP1-87721

NBP1-87721PEP	LIM Kinase 1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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