

Product Datasheet

Paxillin Antibody (LD4 sAB) - Chimeric - Azide and BSA Free NBP2-81063-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-81063-0.2mg

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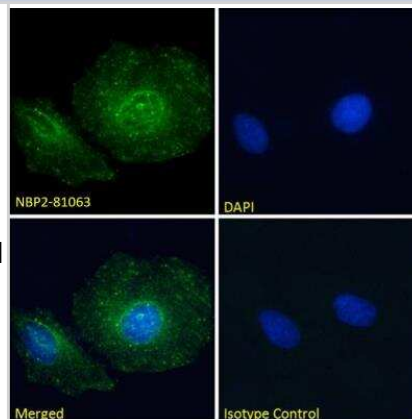
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	LD4 sAB
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	5829
Gene Symbol	PXN
Species	Human
Specificity/Sensitivity	The antibody binds specifically to the LD-4 motif of human Paxillin with a Kd of 6 nM.
Immunogen	Peptide corresponding to human paxillin-LD4 motif (residues 260-278) fused to MBP; peptide sequence: WGGSATRELDELMA ^{SL} SD.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	This full-length, chimeric rabbit antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques. This antibody binds to the LD4-motif of human paxillin, a signal transduction adaptor protein involved in focal adhesion, with binding partners including integrins, Src, FAK or actin complexes. The antibody inhibits complex formation between paxillin and FAK. Paxillin is involved in both inside-out cell signalling and outside-to-inside cell signalling.

Images

Immunocytochemistry/Immunofluorescence: Paxillin Antibody (LD4 sAB) [NBP2-81063] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells on Shi-fix coverslips, permeabilized with 0.15% Triton and stained with the chimeric mouse IgG1 version of LD4 sAB at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2 ug/ml), showing nuclear periphery and diffuse cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-81063, DAPI, merged channels and an isotype control. The isotype control was stained with an unknown specificity antibody followed by Alexa Fluor 488 secondary antibody.





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Products Related to NBP2-81063-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00005829-P01-10ug	Recombinant Human Paxillin GST (N-Term) Protein
H00005829-P03-10ug	Recombinant Human Paxillin GST (N-Term) Protein

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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