

Product Datasheet

Calponin 2 Antibody (OTI2B5)

NBP2-01325

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-01325

Calponin 2 Antibody (OTI2B5)

Product Information

Unit Size	0.1 ml
Concentration	0.26 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2B5
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	33.5 kDa

Product Description

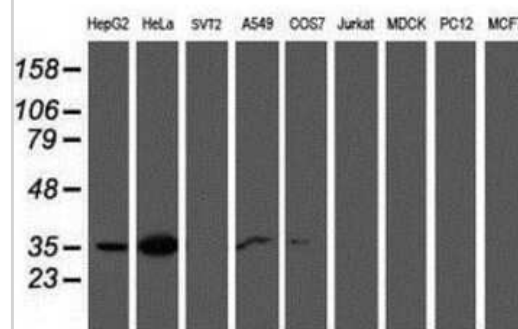
Host	Mouse
Gene ID	1265
Gene Symbol	CNN2
Species	Human, Mouse, Rat, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human CNN2(NP_004359) produced in HEK293T cell.

Product Application Details

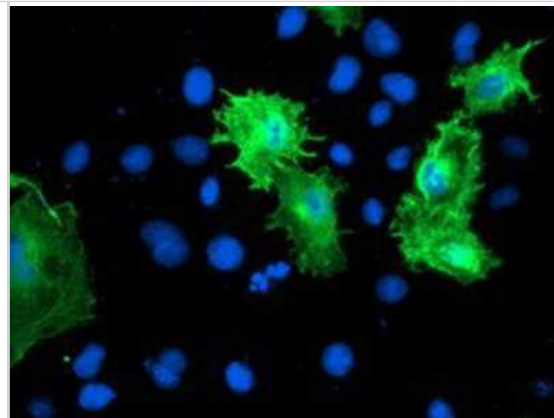
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

Images

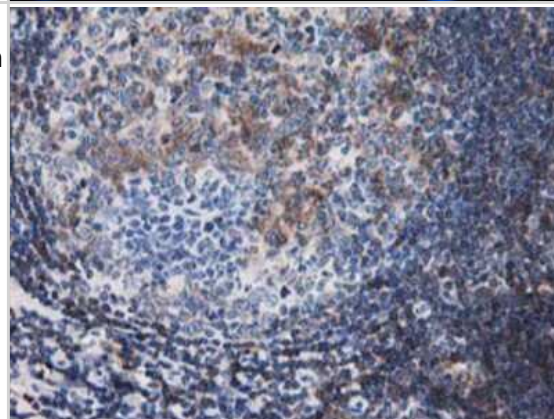
Western Blot: Calponin 2 Antibody (2B5) [NBP2-01325] Analysis of extracts (35ug) from 9 different cell lines by using anti-Calponin 2 monoclonal antibody.



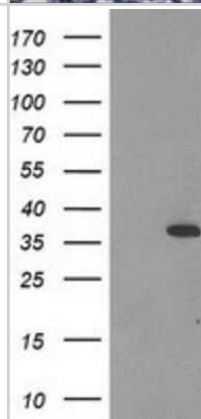
Immunocytochemistry/Immunofluorescence: Calponin 2 Antibody (2B5) [NBP2-01325] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Calponin 2.



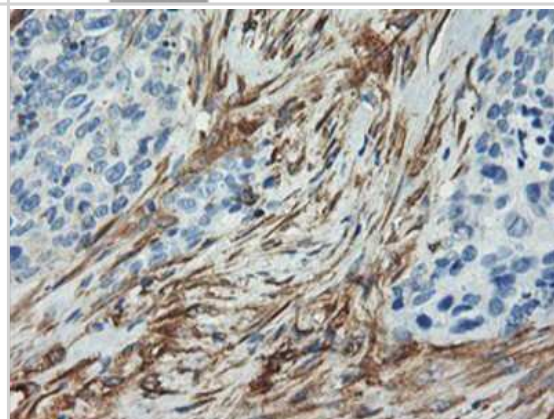
Immunohistochemistry-Paraffin: Calponin 2 Antibody (2B5) [NBP2-01325] - Staining of paraffin-embedded Human tonsil using anti-Calponin 2 mouse monoclonal antibody.



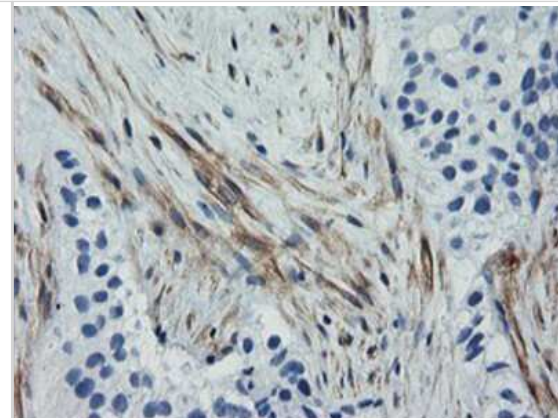
Western Blot: Calponin 2 Antibody (2B5) [NBP2-01325] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Calponin 2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Calponin 2.



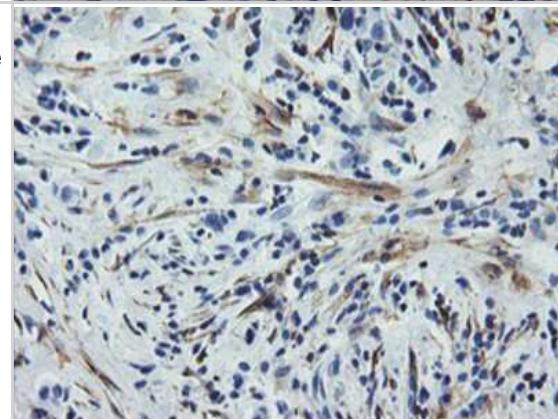
Immunohistochemistry-Paraffin: Calponin 2 Antibody (2B5) [NBP2-01325] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-Calponin 2 mouse monoclonal antibody.



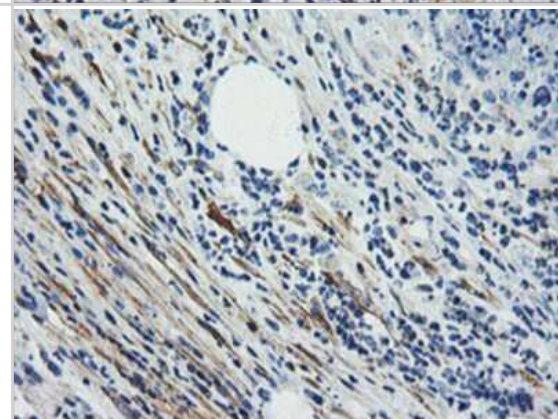
Immunohistochemistry-Paraffin: Calponin 2 Antibody (2B5) [NBP2-01325] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-Calponin 2 mouse monoclonal antibody.



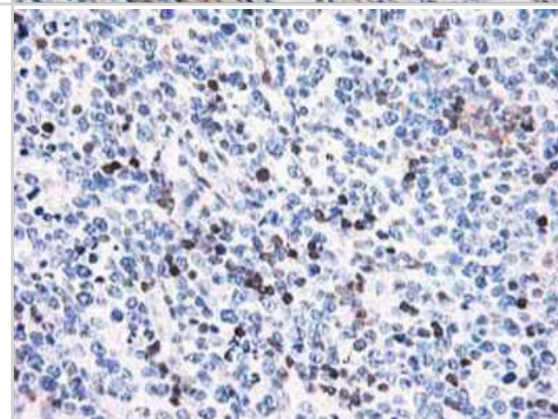
Immunohistochemistry-Paraffin: Calponin 2 Antibody (2B5) [NBP2-01325] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-Calponin 2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Calponin 2 Antibody (2B5) [NBP2-01325] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-Calponin 2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Calponin 2 Antibody (2B5) [NBP2-01325] - Staining of paraffin-embedded Human lymphoma tissue using anti-Calponin 2 mouse monoclonal antibody.



Publications

Paredes F, Williams HC, Quintana RA, San Martin A. Mitochondrial Protein Poldip2 (Polymerase Delta Interacting Protein 2) Controls Vascular Smooth Muscle Differentiated Phenotype by O-Linked GlcNAc (N-Acetylglucosamine) Transferase-Dependent Inhibition of a Ubiquitin Proteasome System Circulation Research 2020-01-03 [PMID: 31656131] (Western Blot)



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Products Related to NBP2-01325

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-51593-0.1mg	Recombinant Human Calponin 2 His 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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