

Product Datasheet

katanin-p80 Antibody (OTI5C4) NBP2-01383

Unit Size: 0.1 ml

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

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NBP2-01383

katanin-p80 Antibody (OTI5C4)

Product Information	
Unit Size	0.1 ml
Concentration	0.64 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI5C4
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	72.2 kDa

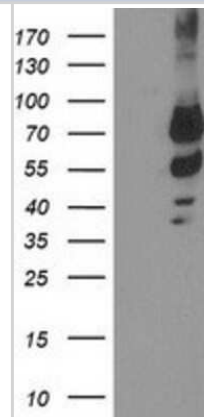
Product Description	
Description	Novus Biologicals Mouse katanin-p80 Antibody (OTI5C4) (NBP2-01383) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-katanin-p80 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10300
Gene Symbol	KATNB1
Species	Human, Mouse, Rat
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 KATNB1(NP_005877) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

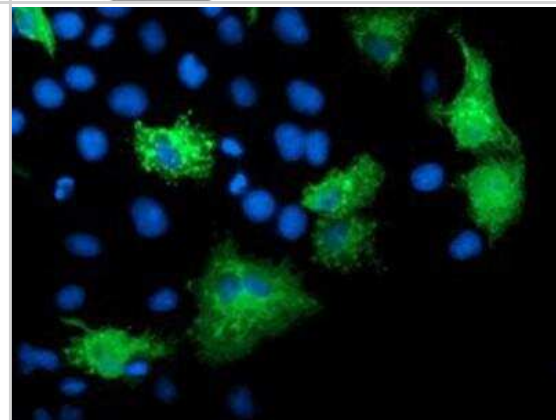


Images

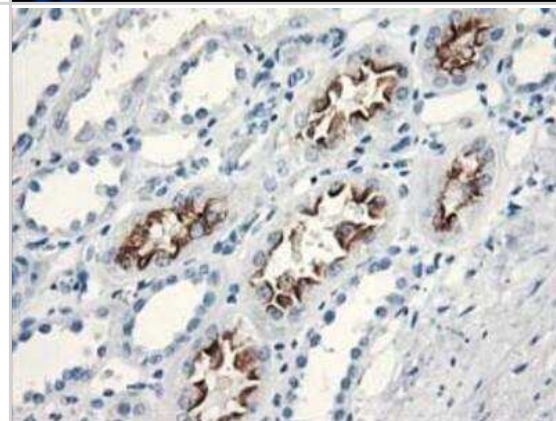
Western Blot: katanin-p80 Antibody (5C4) [NBP2-01383] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY katanin-p80 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-katanin-p80.



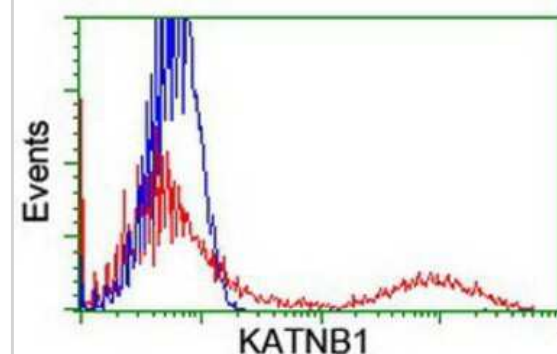
Immunocytochemistry/Immunofluorescence: katanin-p80 Antibody (OTI5C4) [NBP2-01383] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY katanin-p80.



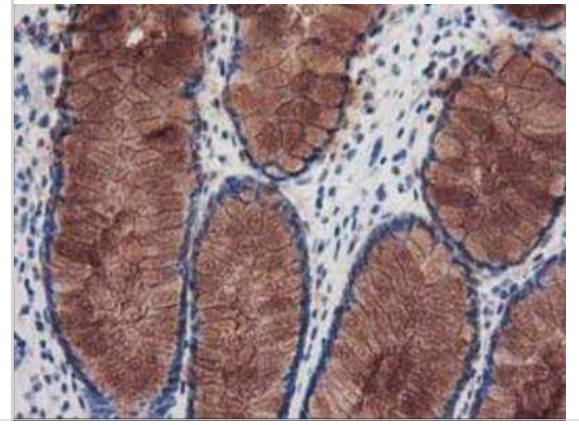
Immunohistochemistry-Paraffin: katanin-p80 Antibody (5C4) [NBP2-01383] - Staining of paraffin-embedded Human Kidney tissue using anti-katanin-p80 mouse monoclonal antibody.



Flow Cytometry: katanin-p80 Antibody (5C4) [NBP2-01383] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-katanin-p80 antibody, and then analyzed by flow cytometry.



Immunohistochemistry-Paraffin: katanin-p80 Antibody (5C4) [NBP2-01383] - Staining of paraffin-embedded Human colon tissue using anti-katanin-p80 mouse monoclonal antibody.



Publications

Lombino F, Schwarz J, Pechmann Y et al. Functional inhibition of katanin affects synaptic plasticity *The Journal of Neuroscience* 2023-11-22 [PMID: 38050126]



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Products Related to NBP2-01383

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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