

Product Datasheet

Neurogenin-1 Antibody (OTI3F9)

NBP1-47871

Unit Size: 0.1 ml

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

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NBP1-47871**Neurogenin-1 Antibody (OTI3F9)**

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3F9
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	25.7 kDa

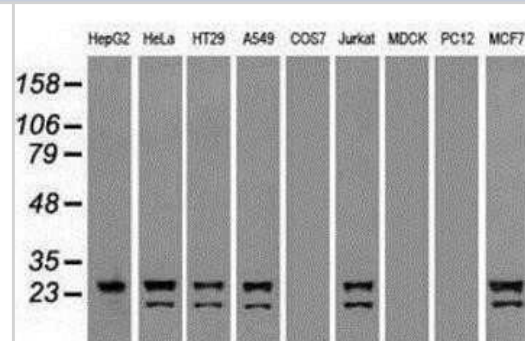
Product Description	
Description	Novus Biologicals Mouse Neurogenin-1 Antibody (OTI3F9) (NBP1-47871) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4762
Gene Symbol	NEUROG1
Species	Human, Mouse, 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.
Specificity/Sensitivity	This antibody is specific for Homo sapiens neurogenin 1 (NEUROG1).
Immunogen	Full length human recombinant protein of human NEUROG1 (NP_006152) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1000, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:100, Immunoprecipitation 2-4ug/ml, Immunohistochemistry-Paraffin 1:50

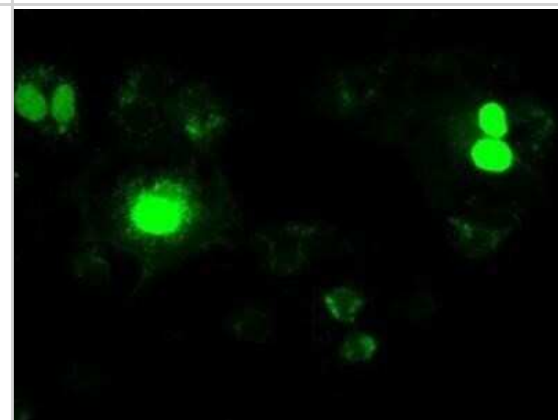


Images

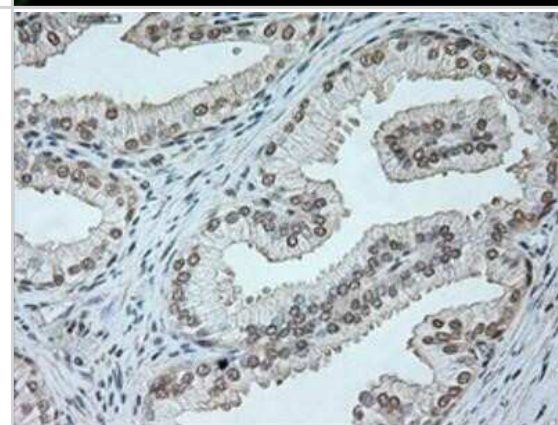
Western Blot: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Neurogenin 1 monoclonal antibody.



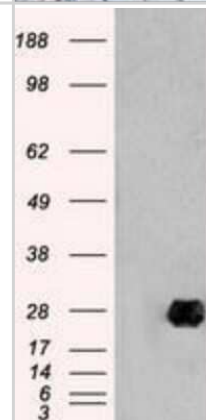
Immunocytochemistry/Immunofluorescence: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - COS7 cells transiently transfected by pCMV6-ENTRY Neurogenin-1.



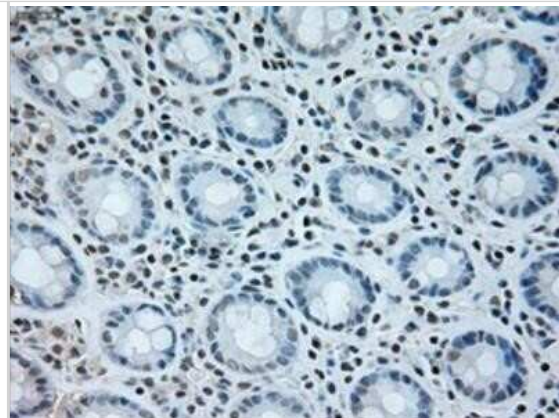
Immunohistochemistry-Paraffin: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Staining of Human prostate tissue.



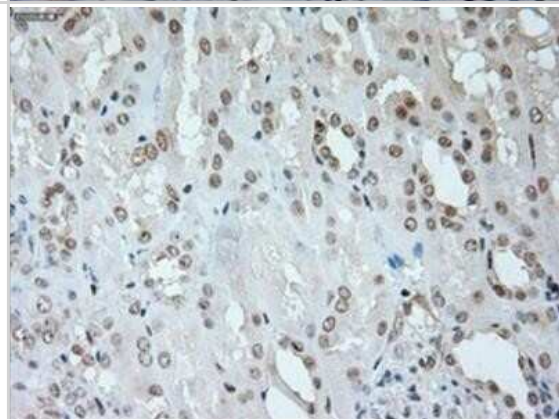
Western Blot: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Neurogenin 1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Neurogenin 1.



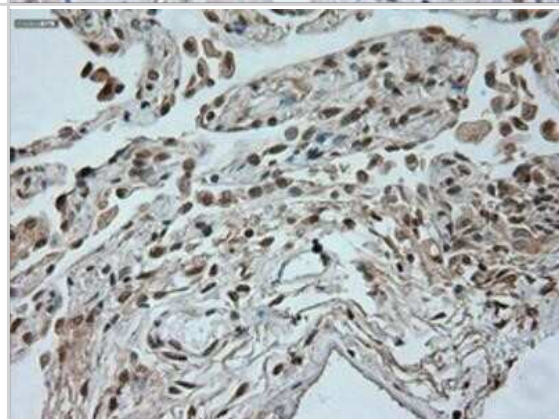
Immunohistochemistry-Paraffin: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Staining of Human colon tissue.



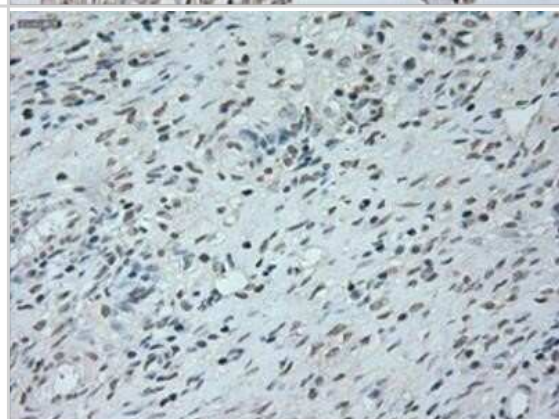
Immunohistochemistry-Paraffin: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Staining of Human Kidney tissue.



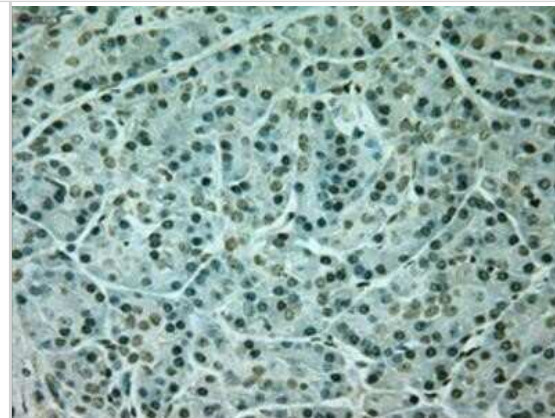
Immunohistochemistry-Paraffin: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Staining of Human lung tissue.



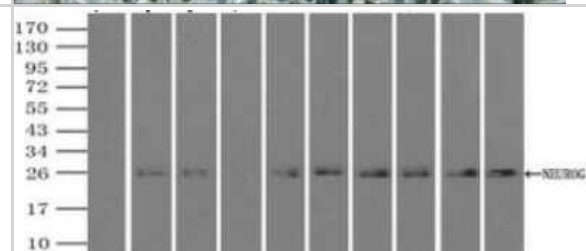
Immunohistochemistry-Paraffin: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Staining of Human Ovary tissue.



Immunohistochemistry-Paraffin: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Staining of Human pancreas tissue.



Immunoprecipitation: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Immunoprecipitation (IP) of NEUROG1 by using TrueMab monoclonal anti-NEUROG1 antibodies (Negative control: IP without adding anti-NEUROG1 antibody.). For each experiment, 500ul of DDK tagged NEUROG1 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-NEUROG1 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immunoprecipitated products were analyzed with rabbit anti-DDK polyclonal antibody.





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Products Related to NBP1-47871

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)
NBP3-21354PEP	Neurogenin-1 Recombinant Protein Antigen

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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