

# 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**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI3F9
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	25.7 kDa

**Product Description**

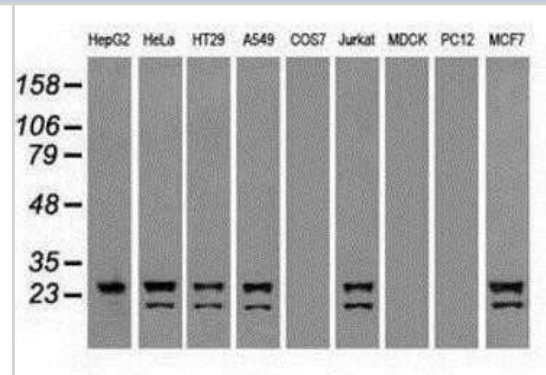
<b>Host</b>	Mouse
<b>Gene ID</b>	4762
<b>Gene Symbol</b>	NEUROG1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high 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.
<b>Specificity/Sensitivity</b>	This antibody is specific for Homo sapiens neurogenin 1 (NEUROG1).
<b>Immunogen</b>	Full length human recombinant protein of human NEUROG1 (NP_006152) produced in HEK293T cell.

**Product Application Details**

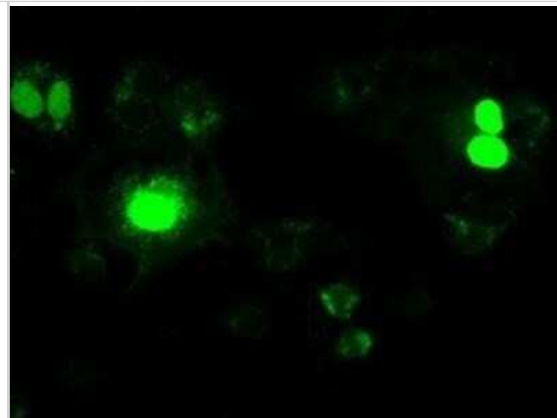
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1000, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation 2-4ug/ml, Immunohistochemistry-Paraffin 1:50

**Images**

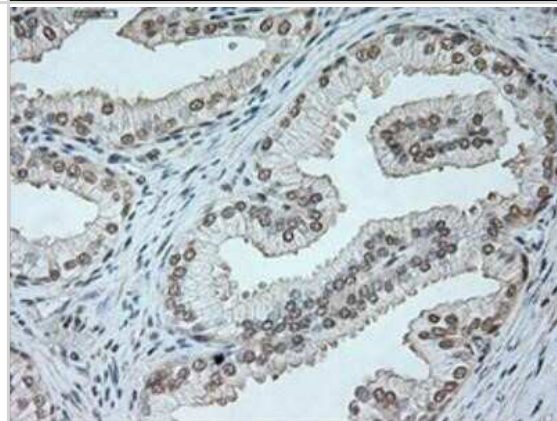
Western Blot: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Neurogenin 1 monoclonal antibody.



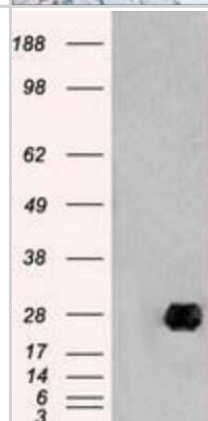
Immunocytochemistry/Immunofluorescence: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - COS7 cells transiently transfected by pCMV6-ENTRY Neurogenin-1.



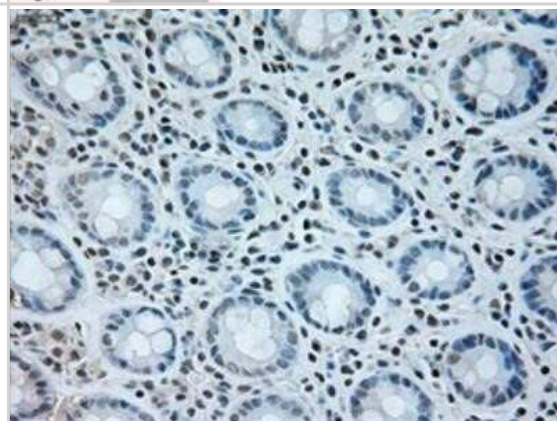
Immunohistochemistry-Paraffin: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Staining of Human prostate tissue.



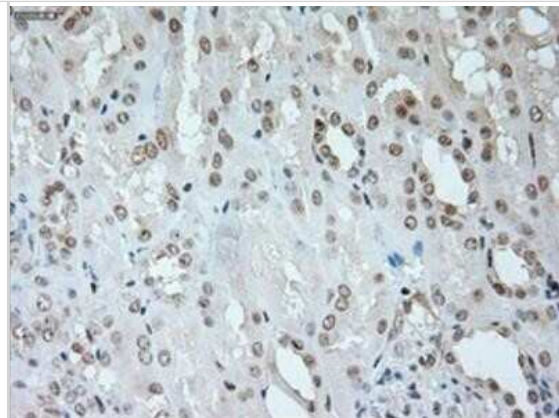
Western Blot: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Neurogenin 1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with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



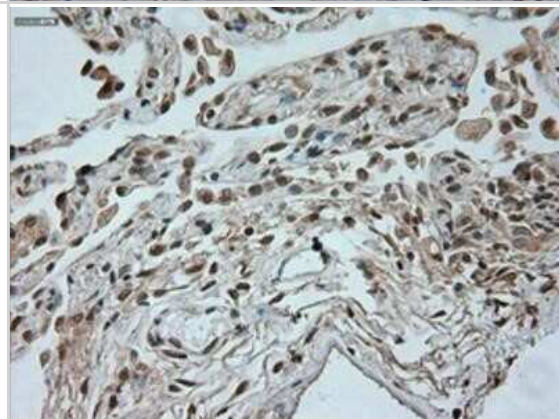
Immunohistochemistry-Paraffin: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Staining of Human colon tissue.



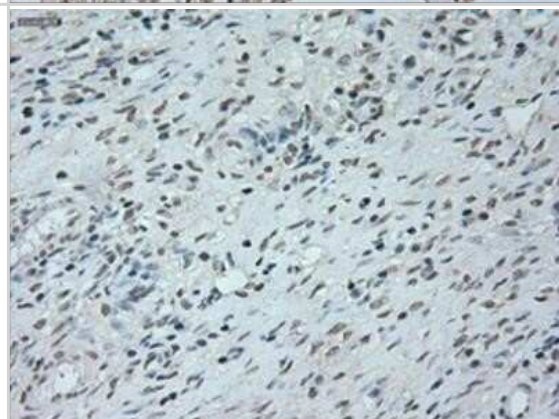
Immunohistochemistry-Paraffin: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Staining of Human Kidney tissue.



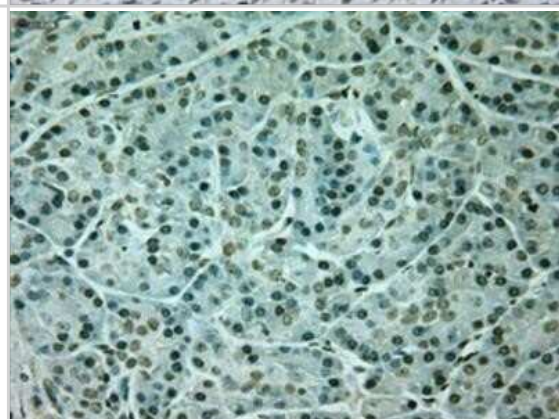
Immunohistochemistry-Paraffin: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Staining of Human lung tissue.



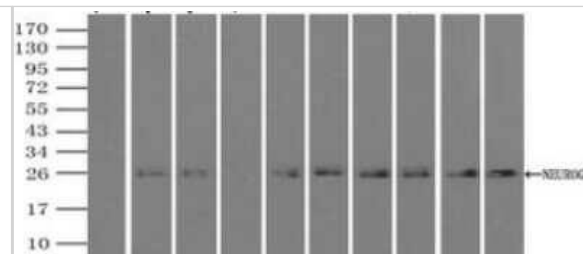
Immunohistochemistry-Paraffin: Neurogenin-1 Antibody (OTI3F9) [NBP1-47871] - Staining of Human Ovary tissue.



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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