

# Product Datasheet

## Patched 1/PTCH Antibody NB100-2451

Unit Size: 0.1 mg

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

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### Publications: 1

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**NB100-2451**

Patched 1/PTCH Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

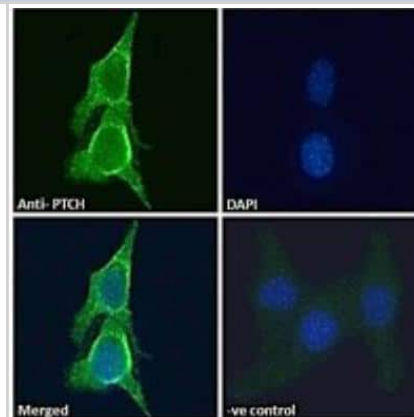
Product Description	
Description	Novus Biologicals Goat Patched 1/PTCH Antibody (NB100-2451) is a polyclonal antibody validated for use in IHC, ELISA and ICC/IF. Anti-Patched 1/PTCH Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5727
Gene Symbol	PTCH1
Species	Human, Mouse
Specificity/Sensitivity	This antibody is expected to recognise all reported isoforms. Variants (NP_001077073.1; NP_001077074.1; NP_001077075.1; NP_001077076.1) encode the same isoform.
Immunogen	This Patched 1/PTCH Antibody was developed against a peptide with sequence ELQDVECEERPR corresponding to C-Terminus according to NP_000255.1, NP_001077072.1, NP_001077071.1, NP_001077073.1, NP_001077074.1, NP_001077075.1, NP_001077076.1.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 8 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 8 ug/mL, Peptide ELISA Detection limit 1:16000



## Images

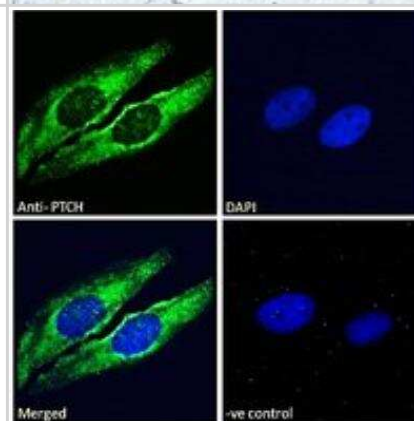
Immunocytochemistry/Immunofluorescence: Patched 1/PTCH Antibody [NB100-2451] - Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing Golgi staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody [NB100-2451] - Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.



Immunocytochemistry/Immunofluorescence: Patched 1/PTCH Antibody [NB100-2451] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing Golgi/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody [NB100-2451] - Staining of paraffin embedded Human Cortex. Antibody at 8 ug/mL. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



## Publications

Nagao K, Togawa N, Fujii K et al. Detecting tissue-specific alternative splicing and disease-associated aberrant splicing of the PTCH gene with exon junction microarrays. Hum Mol Genet 2005-10-03 [PMID: 16203740]



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### **Products Related to NB100-2451**

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NBL1-14924	Patched 1/PTCH Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **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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