

Product Datasheet

Patched 1/PTCH Antibody NB100-41101

Unit Size: 0.1 mg

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

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NB100-41101

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	
Host	Goat
Gene ID	5727
Gene Symbol	PTCH1
Species	Human, Mouse
Specificity/Sensitivity	This antibody is expected to recognise all four reported isoforms (NP_000255.2; NP_001077072.1; NP_001077071.1; NP_001077075.1). Reported variants represent identical protein (NP_001077075.1; NP_001077076.1; NP_001077073.1; NP_001077074.1).
Immunogen	Peptide with sequence C-HPESRHHPPSNPRQQ corresponding to internal region according to NP_000255.2, NP_001077072.1, NP_001077071.1, NP_001077075.1.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunocytochemistry/ Immunofluorescence, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx 150 kDa band observed in human brain lysates (calculated MW of 153.9 kDa according to NP_001077071.1).

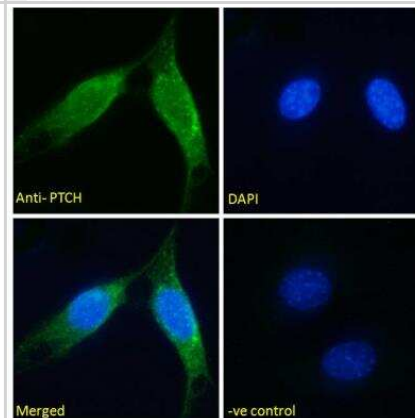


Images

Western Blot: Patched 1/PTCH Antibody [NB100-41101] - Staining of human brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Immunocytochemistry/Immunofluorescence: Patched 1/PTCH Antibody [NB100-41101] - Analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing Golgi/membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



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 NB100-41101

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

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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