

Product Datasheet

Sonic Hedgehog/Shh Antibody (8T4D3) NBP3-15454-100ul

Unit Size: 100 ul

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

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NBP3-15454-100ul**Sonic Hedgehog/Shh Antibody (8T4D3)**

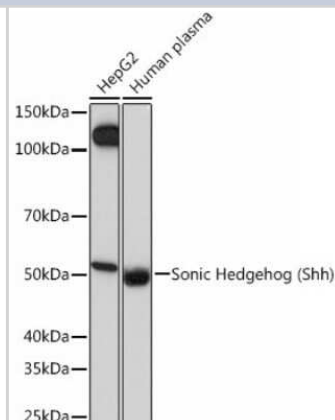
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8T4D3
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
Description	Novus Biologicals Rabbit Sonic Hedgehog/Shh Antibody (8T4D3) (NBP3-15454) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6469
Gene Symbol	SHH
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Sonic Hedgehog/Shh (Q15465). PGSATVHLEQGGTKLVKDLSPGDRVLAADDQGRLLYSDFLTFLDRDDGAKKVF YVIETREPRERLLLTAHLLFVAPHNDSATGEPEASSGSGPPSGGALG

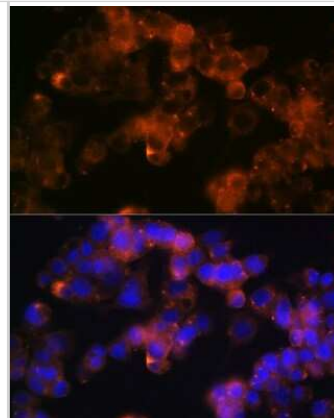
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200

Images

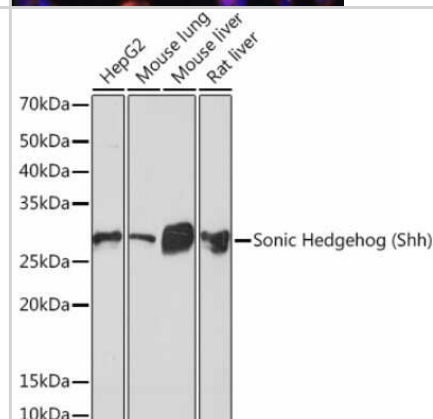
Western Blot: Sonic Hedgehog/Shh Antibody (8T4D3) [NBP3-15454] - Analysis of extracts of various cell lines, using Sonic Hedgehog/Shh (Shh) Rabbit mAb (NBP3-15454) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



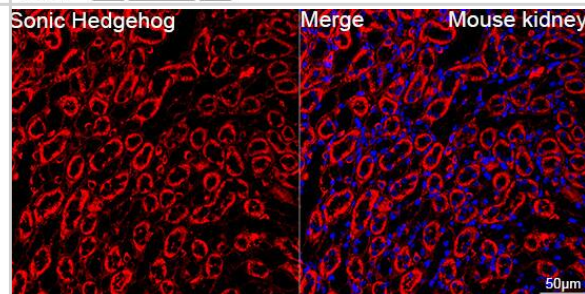
Immunocytochemistry/Immunofluorescence: Sonic Hedgehog/Shh Antibody (8T4D3) [NBP3-15454] - Immunofluorescence analysis of Hep G2 cells using Sonic Hedgehog/Shh (Shh) Rabbit mAb (NBP3-15454) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



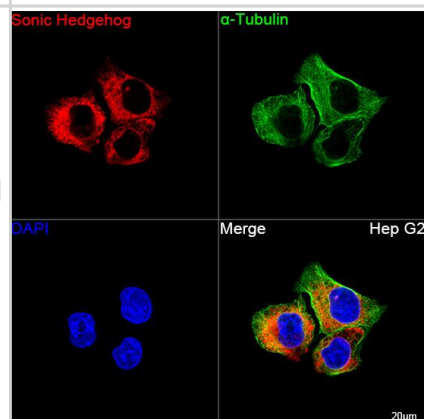
Western Blot: Sonic Hedgehog/Shh Antibody (8T4D3) [NBP3-15454] - Analysis of extracts of various cell lines, using Sonic Hedgehog/Shh (Shh) Rabbit mAb (NBP3-15454) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunocytochemistry/ Immunofluorescence: Sonic Hedgehog/Shh Antibody (8T4D3) [Sonic Hedgehog/Shh] - Confocal imaging of paraffin-embedded Mouse kidney using Sonic Hedgehog/Shh Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunocytochemistry/ Immunofluorescence: Sonic Hedgehog/Shh Antibody (8T4D3) [Sonic Hedgehog/Shh] - Confocal imaging of Hep G2 cells using Sonic Hedgehog/Shh Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.





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Products Related to NBP3-15454-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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