

# Product Datasheet

## Sonic Hedgehog/Shh Antibody - BSA Free NBP1-69270

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP1-69270**

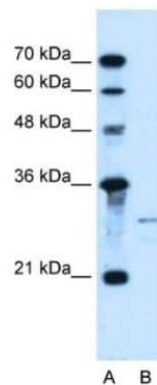
Sonic Hedgehog/Shh Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	28 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	6469
Gene Symbol	SHH
Species	Human, Mouse, Chicken
Immunogen	Synthetic peptides corresponding to SHH, sonic hedgehog homolog (Drosophila). The peptide sequence was selected from the N-terminal of SHH (NP_000184). Peptide sequence RCLLLVLVSSLLVCSGLACGPGRGFGKRRHPKLTPLAYKQFIPNVAEKT. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:1000



## Images

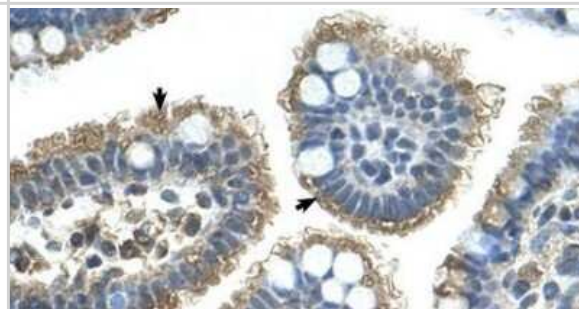
Western Blot: Sonic Hedgehog/Shh Antibody [NBP1-69270] - Lane A: Marker; Lane B HepG2 Cell Lysate. Antibody titration 1.0ug/ml. Gel concentration 12%



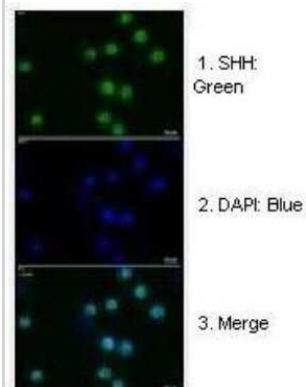
Immunohistochemistry: Sonic Hedgehog/Shh Antibody [NBP1-69270] - Chicken embryos Primary Antibody: 1 : 1000 (NBP1-69270) anti -shh Secondary Antibody: 1 : 500 goat anti-rabbit HRP conjugated.



Immunohistochemistry-Paraffin: Sonic Hedgehog/Shh Antibody [NBP1-69270] - Human Intestine cells with positive label: Epithelial cells of intestinal villus (indicated with arrows). Concentration 4.0-8.0 ug/ml



Immunohistochemistry: Sonic Hedgehog/Shh Antibody [NBP1-69270] - Human glioma cells. Primary Antibody Dilution :1:200 Secondary Antibody :Anti-rabbit-GFP. Secondary Antibody Dilution :1:500. Color/Signal Descriptions :1. SHH: Green 2. DAPI: Blue 3. Merge. Gene Name :SHH



## Publications

Lozito TP, Londono R, Sun AX, Hudnall ML Introducing dorsoventral patterning in adult regenerating lizard tails with gene-edited embryonic neural stem cells Nature communications 2021-10-14 [PMID: 34650077] (IF/IHC)

Lozito TP, Tuan RS. Lizard tail skeletal regeneration combines aspects of fracture healing and blastema-based regeneration Development 2016-07-07 [PMID: 27387871]





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### **Products Related to NBP1-69270**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35265-5ug	Recombinant Human Sonic Hedgehog/Shh Protein

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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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