

# Product Datasheet

## Slug Antibody - BSA Free NBP2-27182

Unit Size: 0.1 mg

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

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### Publications: 4

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Updated 9/9/2025 v.20.1

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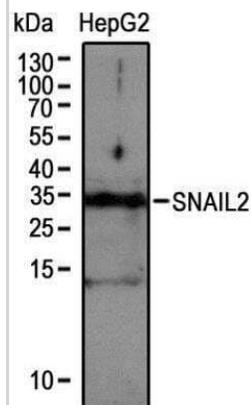
**NBP2-27182**

Slug Antibody - BSA Free

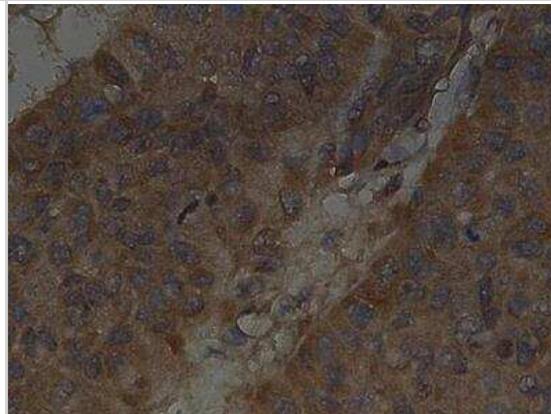
Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	30 kDa
Product Description	
<b>Description</b>	Novus Biologicals Rabbit Slug Antibody - BSA Free (NBP2-27182) is a polyclonal antibody validated for use in IHC and WB. Anti-Slug Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6591
<b>Gene Symbol</b>	SNAI2
<b>Species</b>	Human, Mouse, Canine, Equine
<b>Reactivity Notes</b>	Rat SNAIL2 (SNAI2) (89%). Mouse reactivity reported in scientific literature (PMID: 26240017)
<b>Immunogen</b>	Amino acids 82-110 of human SNAIL2 (SNAI2) were used as the immunogen.
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

## Images

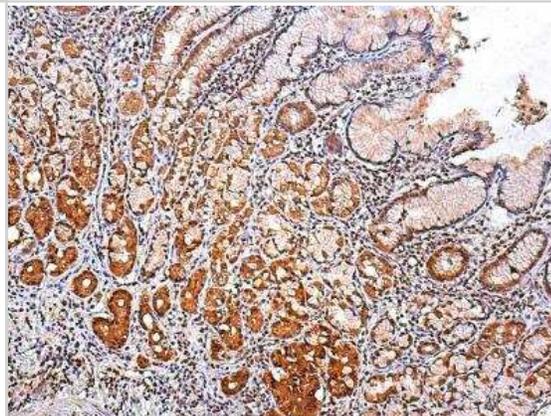
Western Blot: Slug Antibody [NBP2-27182] - Analysis of extracts from HepG2 cells using Slug antibody (NBP2-27182) at 1:1000.



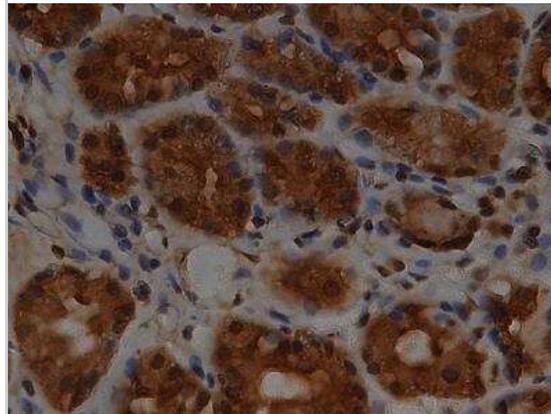
Immunohistochemistry: Slug Antibody [NBP2-27182] - Analysis of liver cancer using Slug antibody (NBP2-27182) at 1:25. Image objective 400X.



Immunohistochemistry: Slug Antibody [NBP2-27182] - Analysis of gastric cancer using Slug antibody (NBP2-27182) at 1:25. Image objective 100X.



Immunohistochemistry: Slug Antibody [NBP2-27182] - Analysis of gastric cancer using Slug antibody (NBP2-27182) at 1:25. Image objective 400X.



## Publications

Laura Lecce, Yang Xu, Bhargavi V'Gangula, Nirupama Chandel, Venu Pothula, Axelle Caudrillier, Maria Paola Santini, Valentina d'Escamard, Delaine K. Ceholski, Przemek A. Gorski, Lijiang Ma, Simon Koplev, Martin Mæng Bjørklund, Johan L.M. Björkegren, Manfred Boehm, Jacob Fog Bentzon, Valentin Fuster, Ha Won Kim, Neal L. Weintraub, Andrew H. Baker, Emily Bernstein, Jason C. Kovacic Histone deacetylase 9 promotes endothelial-mesenchymal transition and an unfavorable atherosclerotic plaque phenotype *The Journal of Clinical Investigation* 2021-08-02 [PMID: 34338228]

Itinteang T, Tan CES, van Schaijik B et al. Proliferating Infantile Hemangioma Tissues and Primary Cell Lines Express Markers Associated with Endothelial-to-Mesenchymal Transition *Plast Reconstr Surg Glob Open* 2020-02-01 [PMID: 32309069] (IHC-P, Human)

Nakayama M, Sakai E, Echizen K et al. Intestinal cancer progression by mutant p53 through the acquisition of invasiveness associated with complex glandular formation. *Oncogene* 2017-01-01 [PMID: 28628120] (IF/IHC, Mouse)

Ke CY, Xiao WL, Chen CM et al. IRF6 is the mediator of TGFbeta3 during regulation of the epithelial mesenchymal transition and palatal fusion. *Sci Rep.* 2015-08-05 [PMID: 26240017] (IHC-P, Mouse)

### Details:

SLUG/SNAI2 antibody used for immunohistochemical staining of palatal shelves from E13.5 mouse embryos that were infected with shLuc, shIrf6 lentivirus, or treated with 20 ng/ml TGFbeta3 for 24 hours (Figure 2a).





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### **Products Related to NBP2-27182**

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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

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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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