

# Product Datasheet

## stonin-2 Antibody - BSA Free

### NBP1-90658

Unit Size: 0.1 ml

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

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#### Publications: 1

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**NBP1-90658**

stonin-2 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

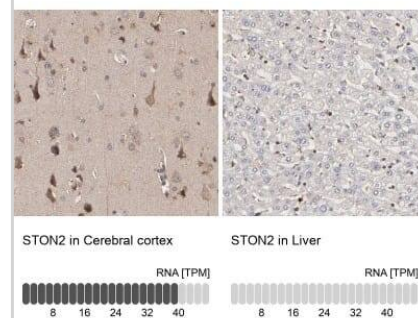
Product Description	
Description	Novus Biologicals Rabbit stonin-2 Antibody - BSA Free (NBP1-90658) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-stonin-2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	85439
Gene Symbol	STON2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (85%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RTPSVTEAPPWRATNPFLNETLQDVQPSPINPFSAFFEEQERRSQNSSISSTTG KSQRDSLIVYQDAISFDDSSKTQSHSDAVEKLEKQLQIDDPDHFGSATLPDDDP VAWIELDAHPPGSARSQPRDGWPMMLRIPEK

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:5, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. In Simple Western only 10-15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in HEL lysates, separated by Size, antibody dilution of 1:5

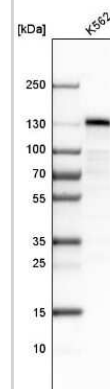


## Images

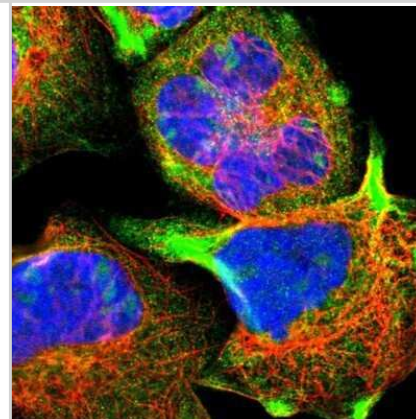
Immunohistochemistry-Paraffin: stonin-2 Antibody [NBP1-90658] - Analysis in human cerebral cortex and liver tissues using NBP1-90658 antibody. Corresponding STON2 RNA-seq data are presented for the same tissues.



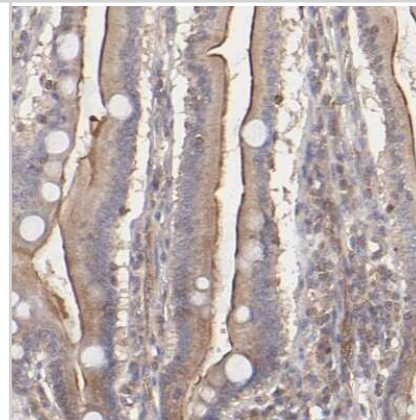
Western Blot: stonin-2 Antibody [NBP1-90658] - Analysis in human cell line K562.



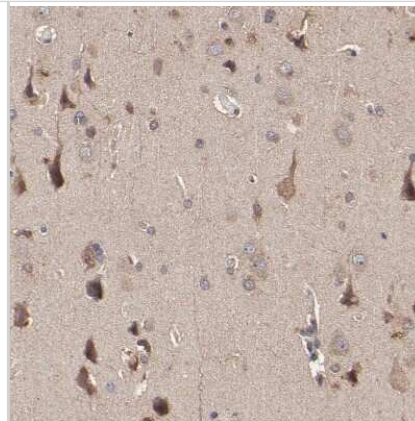
Immunocytochemistry/Immunofluorescence: stonin-2 Antibody [NBP1-90658] - Staining of human cell line A-431 shows positivity in nucleoli & cytoplasm. Antibody staining is shown in green.



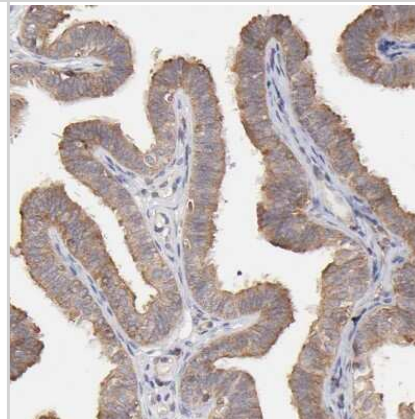
Immunohistochemistry-Paraffin: stonin-2 Antibody [NBP1-90658] - Staining of human duodenum shows moderate positivity in apical membrane in glandular cells.



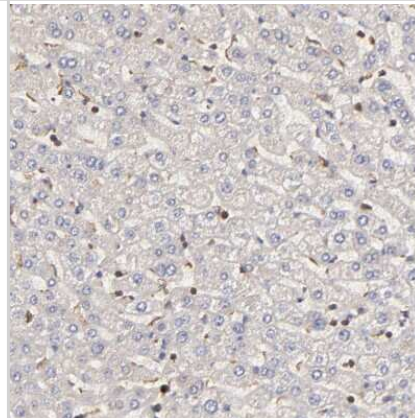
Immunohistochemistry-Paraffin: stonin-2 Antibody [NBP1-90658] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: stonin-2 Antibody [NBP1-90658] - Staining of human fallopian tube shows moderate cytoplasmic positivity in glandular cells.



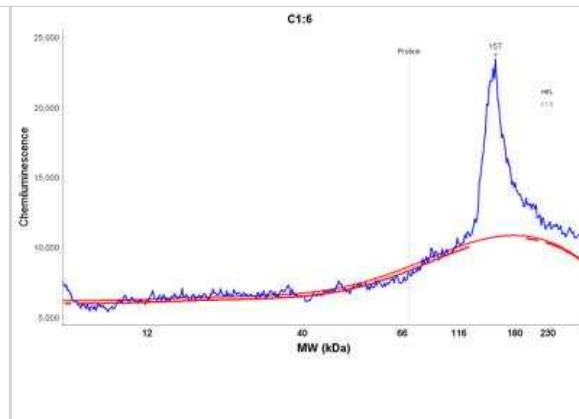
Immunohistochemistry-Paraffin: stonin-2 Antibody [NBP1-90658] - Staining of human liver shows no positivity in hepatocytes as expected.



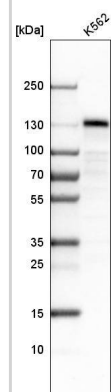
Simple Western: stonin-2 Antibody [NBP1-90658] - Simple Western lane view shows a specific band for stonin-2 in 0.2 mg/ml of HEL lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation systems.



Simple Western: stonin-2 Antibody [NBP1-90658] - Electropherogram image of the corresponding Simple Western lane view. stonin-2 antibody was used at 1:5 dilution on HEL lysate(s) respectively.



Analysis in human cell line K562.



## Publications

Hosoda Y, Miyake M, Meguro A et al. Keratoconus-susceptibility gene identification by corneal thickness genome-wide association study and artificial intelligence IBM Watson Commun Biol 2020-07-31 [PMID: 32737415] (IF/IHC, Human)



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### **Products Related to NBP1-90658**

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NBP1-90658PEP	stonin-2 Recombinant Protein Antigen
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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