

Product Datasheet

SON Antibody - BSA Free NBP1-88706

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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NBP1-88706

SON 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

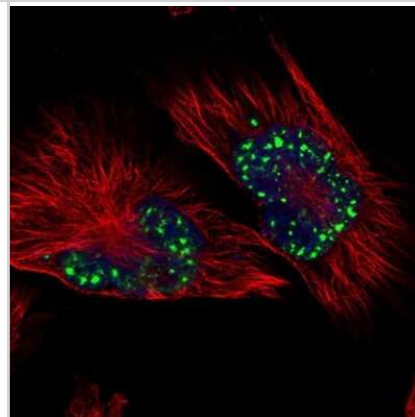
Product Description	
Description	Novus Biologicals Rabbit SON Antibody - BSA Free (NBP1-88706) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SON Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6651
Gene Symbol	SON
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TEVAIESTPMILESSIMSSHVMKGINLSSGDQNLAPEIGMQEIALHSGEPPHAE HLKGDYFYESEHGINIDLNINNHLIAKEMEHN TVCAAGTSPVGEIGEEKILPTSETK QRTVLDTYPGVSEADAGETLSSTGP

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 24872507), Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000-1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

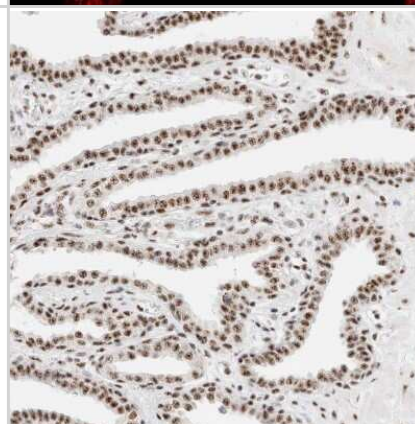


Images

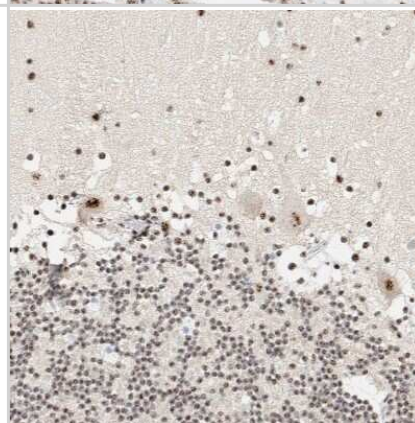
Immunocytochemistry/Immunofluorescence: SON Antibody [NBP1-88706] - Staining of human cell line U-251 MG shows localization to nuclear speckles. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: SON Antibody [NBP1-88706] - Staining of human prostate shows moderate to strong positivity in nuclear speckles in glandular cells.



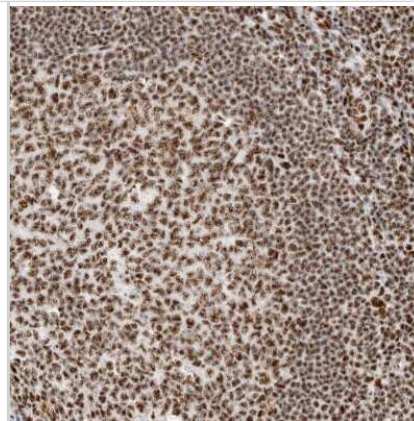
Immunohistochemistry-Paraffin: SON Antibody [NBP1-88706] - Staining of human cerebellum shows moderate to strong positivity in nuclear speckles in Purkinje cells.



Immunohistochemistry-Paraffin: SON Antibody [NBP1-88706] - Staining of human small intestine shows moderate to strong positivity in nuclear speckles in glandular cells.



Immunohistochemistry-Paraffin: SON Antibody [NBP1-88706] - Staining of human tonsil shows moderate to strong positivity in nuclear speckles in germinal center cells.



Publications

Wu J, Xiao Y, Liu Y, Wen L et al. Dynamics of RNA localization to nuclear speckles are connected to splicing efficiency *Sci Adv* 2024-10-16 [PMID: 39413186]

Penev A, Bazley A, Shen M et al. Alternative splicing is a developmental switch for hTERT expression *Mol Cell* 2021-04-14 [PMID: 33852895]

Ammon T, Mishra SK, Kowalska K et al. The conserved ubiquitin-like protein Hub1 plays a critical role in splicing in human cells. *J Mol Cell Biol* 2014-08-01 [PMID: 24872507] (WB, Human)

Uhlen M, Oksvold P, Algenas C et al. Antibody-based Protein Profiling of the Human Chromosome 21. *Mol Cell Proteomics* 2012-03-01 [PMID: 22042635]

Fuchs F, Pau G, Kranz D et al. Clustering phenotype populations by genome-wide RNAi and multiparametric imaging. *Mol Syst Biol* 2010-06-01 [PMID: 20531400]



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Products Related to NBP1-88706

NBP1-88706PEP	SON 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

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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