

Product Datasheet

gp96/HSP90B1/GRP94 Antibody - BSA Free NBP1-81802

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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NBP1-81802

gp96/HSP90B1/GRP94 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

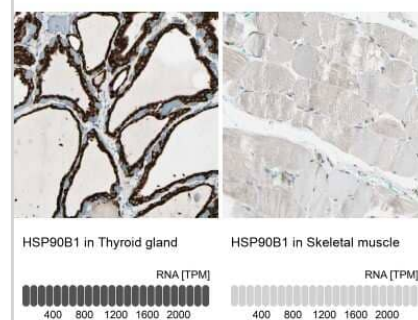
Product Description	
Description	Novus Biologicals Rabbit gp96/HSP90B1/GRP94 Antibody - BSA Free (NBP1-81802) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7184
Gene Symbol	HSP90B1
Species	Human, Mouse
Marker	ER Stress Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: WSSKTETVEEPMEEEEAAKEEKEESDDEAAVEEEEEKPKTKKVEKTVWDW ELMNDIKPIWQRPSKEVEEYKAFYKSFSKESDDPMAYIHFTAEGEVTFKSILF VPTS

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

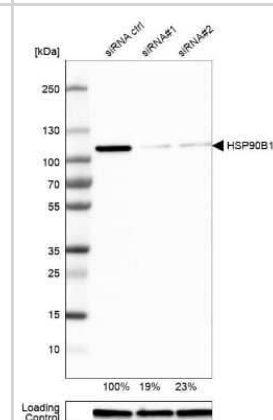


Images

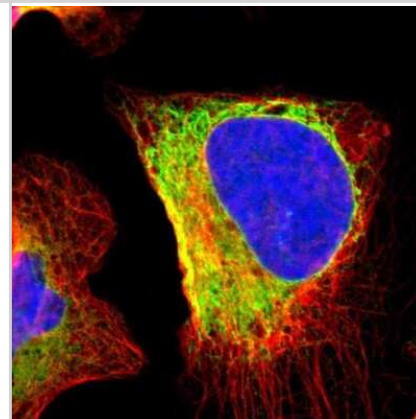
Immunohistochemistry-Paraffin: gp96/HSP90B1/GRP94 Antibody [NBP1-81802] - Staining in human thyroid gland and skeletal muscle tissues using NBP1-81802 antibody. Corresponding HSP90B1 RNA-seq data are presented for the same tissues.



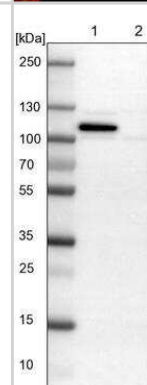
Western Blot: gp96/HSP90B1/GRP94 Antibody [NBP1-81802] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-HSP90B1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



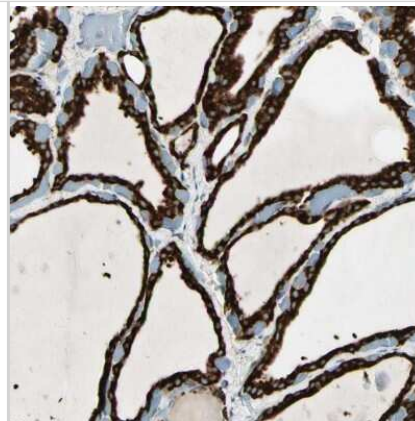
Immunocytochemistry/Immunofluorescence: gp96/HSP90B1/GRP94 Antibody [NBP1-81802] - Immunofluorescent staining of human cell line U-2 OS shows localization to endoplasmic reticulum.



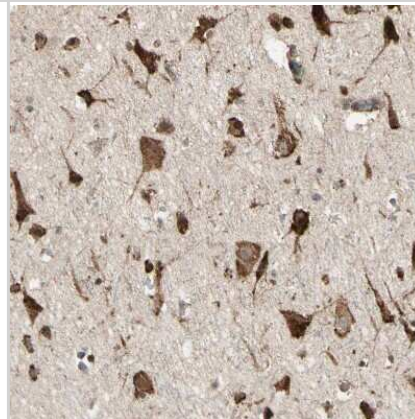
Western Blot: gp96/HSP90B1/GRP94 Antibody [NBP1-81802] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



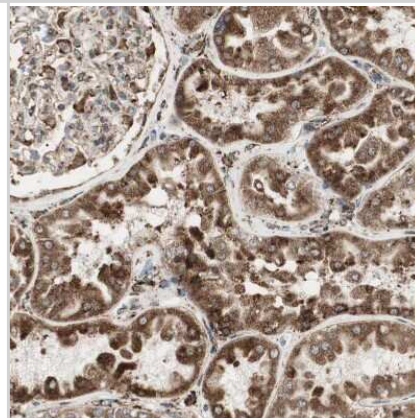
Immunohistochemistry-Paraffin: gp96/HSP90B1/GRP94 Antibody [NBP1-81802] - Staining of human thyroid gland shows high expression.



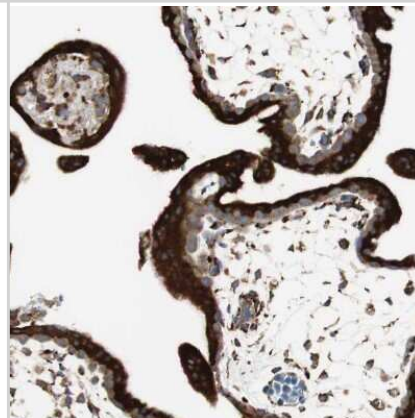
Immunohistochemistry-Paraffin: gp96/HSP90B1/GRP94 Antibody [NBP1-81802] - Staining of human cerebral cortex shows strong granular cytoplasmic positivity in neurons.



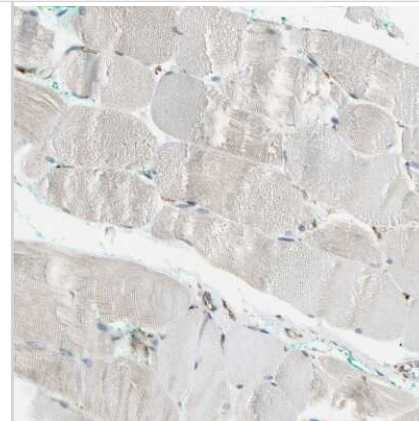
Immunohistochemistry-Paraffin: gp96/HSP90B1/GRP94 Antibody [NBP1-81802] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: gp96/HSP90B1/GRP94 Antibody [NBP1-81802] - Staining of human placenta shows strong granular cytoplasmic positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: gp96/HSP90B1/GRP94 Antibody [NBP1-81802] - Staining of human skeletal muscle shows no positivity in myocytes as expected.





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Products Related to NBP1-81802

NBP1-81802PEP	gp96/HSP90B1/GRP94 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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