

# Product Datasheet

## VGF Antibody - BSA Free NBP2-31596

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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Updated 9/9/2025 v.20.1

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**NBP2-31596**

VGF Antibody - BSA Free

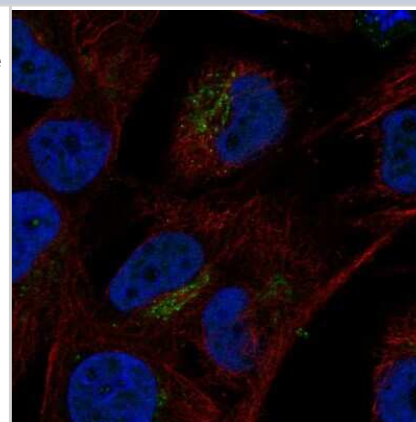
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit VGF Antibody - BSA Free (NBP2-31596) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7425
Gene Symbol	VGF
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: APARDELDPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPRTLQPPSALRRRH YHHALPPSRHYPGREAAQARRAQEEAEAEERRLQEQQEELNYIEHV

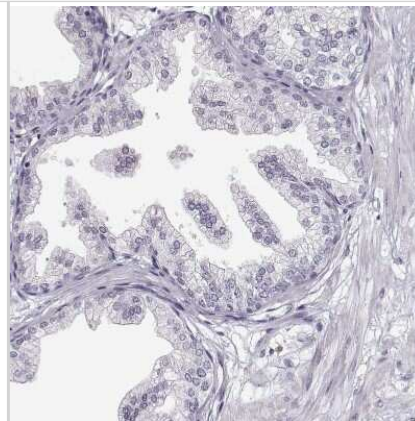
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

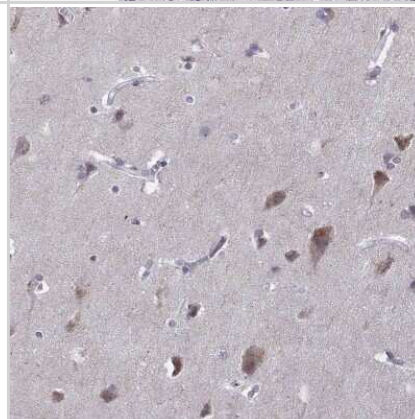
Immunocytochemistry/Immunofluorescence: VGF Antibody [NBP2-31596] - Staining of human cell line SK-MEL-30 shows localization to the Golgi apparatus. Antibody staining is shown in green.



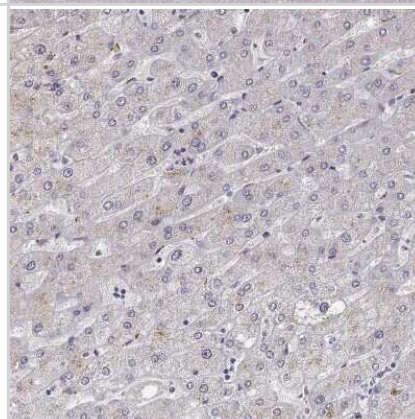
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Staining of human prostate shows no positivity in glandular cells as expected.



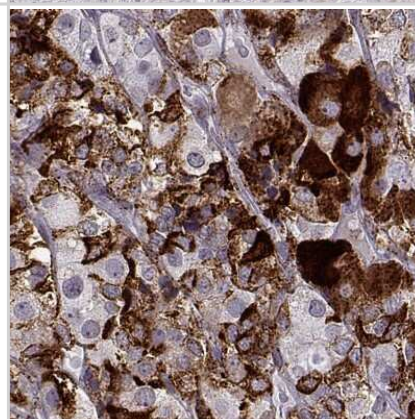
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Staining of human cerebral cortex shows high expression.



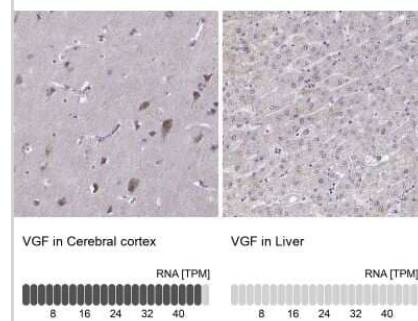
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Staining of human liver shows low expression as expected.



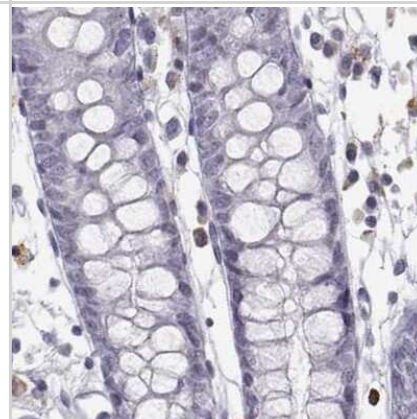
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Staining of human pituitary gland shows strong cytoplasmic positivity in anterior cells.



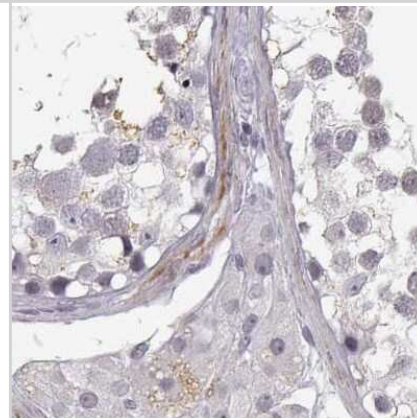
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Staining in human cerebral cortex and liver tissues using anti-VGF antibody. Corresponding VGF RNA-seq data are presented for the same tissues.



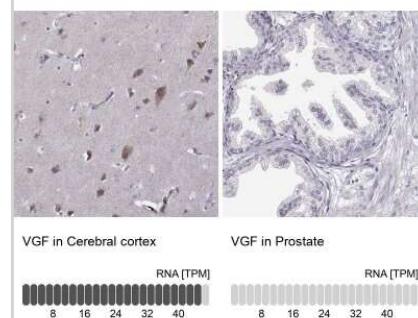
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Staining of human colon.



Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Staining of human testis.

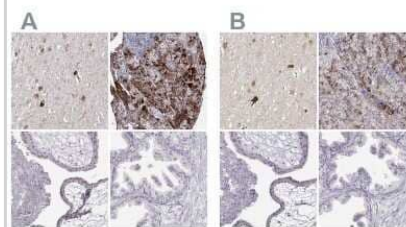


Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Analysis in human cerebral cortex and prostate tissues. Corresponding VGF RNA-seq data are presented for the same tissues.

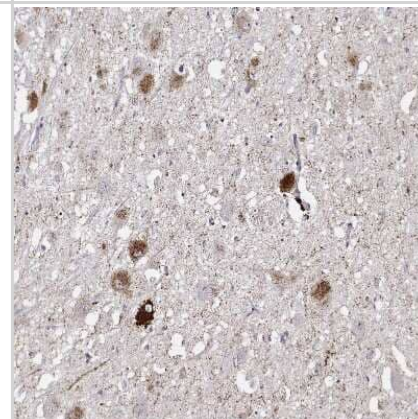




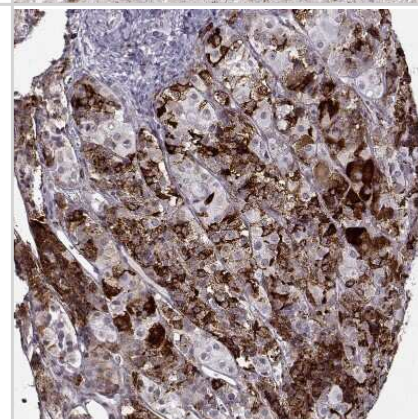
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Staining of human hypothalamus, pituitary gland, placenta and prostate using Anti-VGF antibody NBP2-31596 (A) shows similar protein distribution across tissues to independent antibody NBP2-56358 (B).



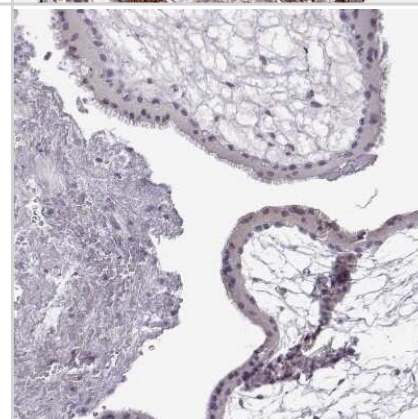
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Staining of human hypothalamus shows strong positivity in a subset of neurons.



Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Staining of human pituitary gland shows strong positivity in anterior cells.



Immunohistochemistry-Paraffin: VGF Antibody [NBP2-31596] - Staining of human placenta shows no positivity in trophoblastic cells as expected.





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### **Products Related to NBP2-31596**

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NBP2-31596PEP	VGf Recombinant Protein Antigen
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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