

# Product Datasheet

## VGF Antibody - BSA Free NBP2-56358

Unit Size: 100 ul

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

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**NBP2-56358**

VGF Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<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>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

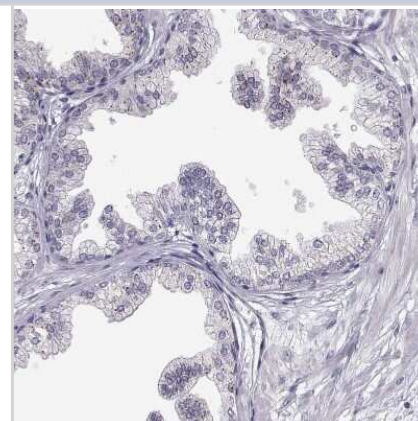
<b>Description</b>	Novus Biologicals Rabbit VGF Antibody - BSA Free (NBP2-56358) is a polyclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7425
<b>Gene Symbol</b>	VGF
<b>Species</b>	Human
<b>Reactivity Notes</b>	Mouse 85%, Rat 88%
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: QALDRPASPPAPSGSQQGPEEEAAEALLTETVRSQTHSLP

**Product Application Details**

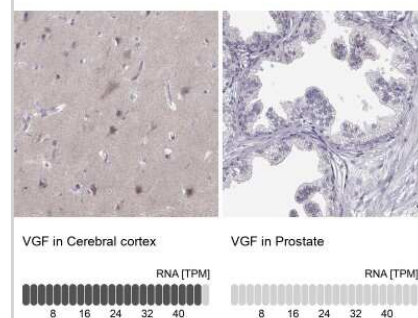
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

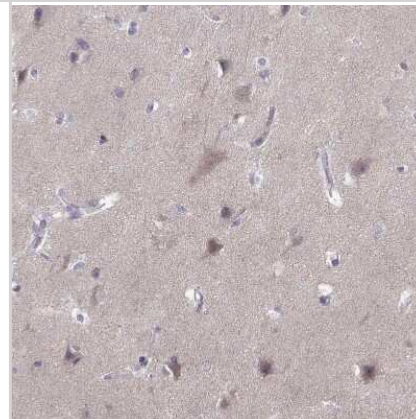
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-56358] - Staining of human prostate shows no positivity in glandular cells as expected.



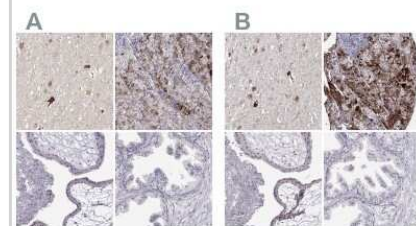
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-56358] - Analysis in human cerebral cortex and prostate tissues. Corresponding VGF RNA-seq data are presented for the same tissues.



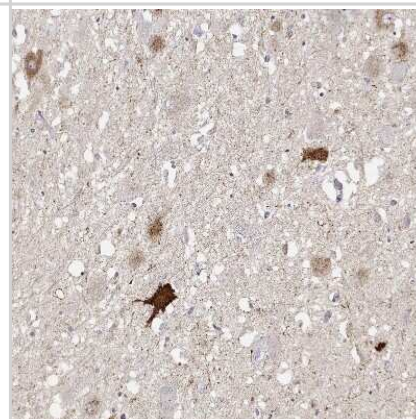
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-56358] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



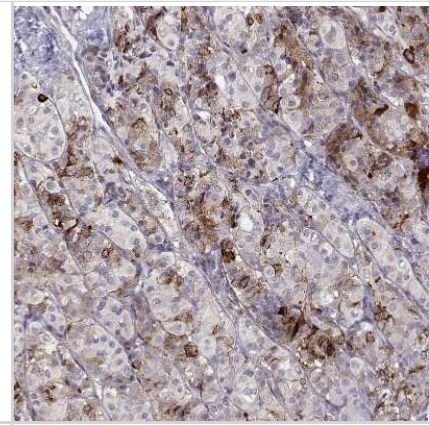
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-56358] - Staining of human hypothalamus, pituitary gland, placenta and prostate using Anti-VGF antibody NBP2-56358 (A) shows similar protein distribution across tissues to independent antibody NBP2-31596 (B).



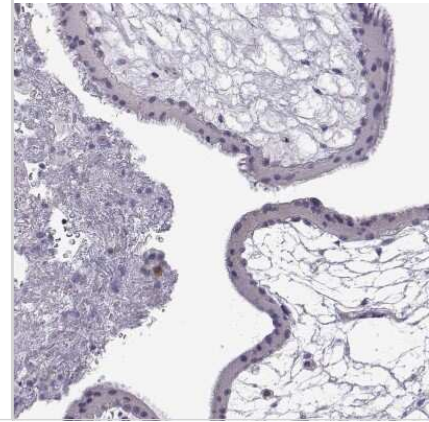
Immunohistochemistry-Paraffin: VGF Antibody [NBP2-56358] - Staining of human hypothalamus shows strong positivity in a subset of neurons.



Immunohistochemistry-Paraffin: VGF Antibody [NBP2-56358] - Staining of human pituitary gland shows strong positivity in anterior cells.



Immunohistochemistry-Paraffin: VGF Antibody [NBP2-56358] - Staining of human placenta shows no positivity in trophoblastic cells as expected.





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### **Products Related to NBP2-56358**

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NBP2-56358PEP	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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