

# Product Datasheet

## G-substrate Antibody - BSA Free NBP2-13800

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP2-13800**

G-substrate Antibody - BSA Free

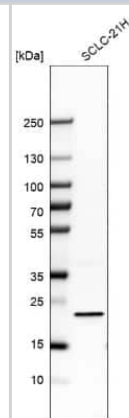
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<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 G-substrate Antibody - BSA Free (NBP2-13800) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-G-substrate Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10842
<b>Gene Symbol</b>	PPP1R17
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the amino acids: DRLDKLDPRCSHLDDLSDQFIKDCDLKPKRKGKNVQATLNVESDQKKPRRKD TPALH

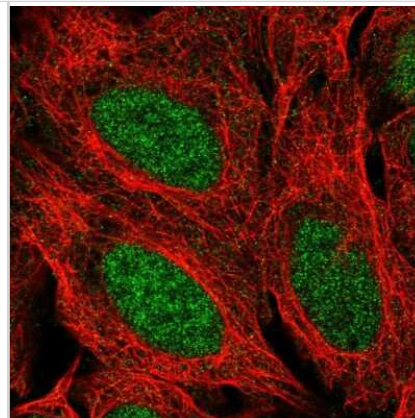
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100.

**Images**

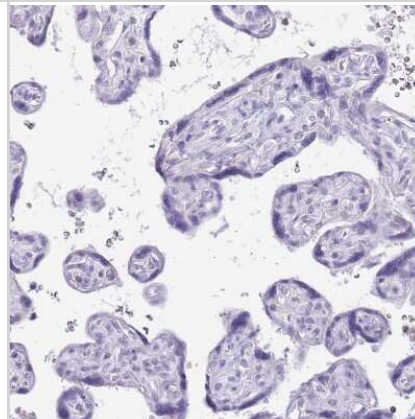
Western Blot: G-substrate Antibody [NBP2-13800] - Analysis in human cell line SCLC-21H.



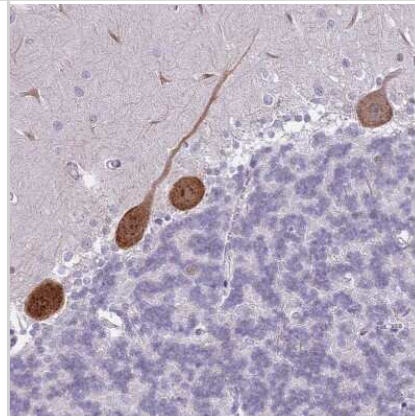
Immunocytochemistry/Immunofluorescence: G-substrate Antibody [NBP2-13800] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



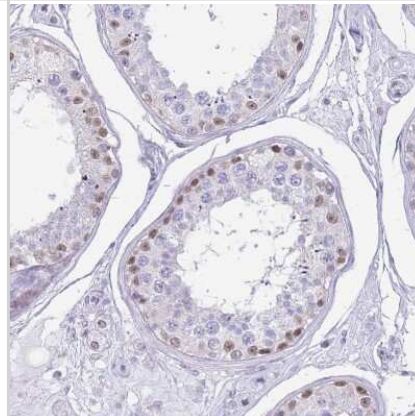
Immunohistochemistry-Paraffin: G-substrate Antibody [NBP2-13800] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



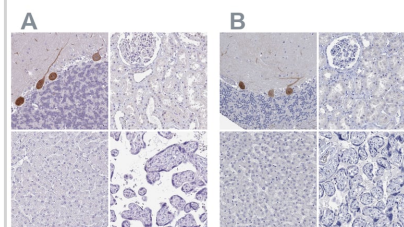
Immunohistochemistry-Paraffin: G-substrate Antibody [NBP2-13800] - Staining of human cerebellum shows moderate to strong positivity in Purkinje cells.



Immunohistochemistry-Paraffin: G-substrate Antibody [NBP2-13800] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



Staining of human cerebellum, kidney, liver and placenta using NBP2-13800 (A) shows similar protein distribution across tissues to independent antibody NBP2-68949 (B).



## Publications

Girskis K, Stergachis A, DeGennaro E Et al. Rewiring of human neurodevelopmental gene regulatory programs by human accelerated regions Neuron 2021-09-01 [PMID: 34478631]



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### **Products Related to NBP2-13800**

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NBP2-13800PEP	G-substrate 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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