

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.

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Publications: 1

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NBP2-13800

G-substrate 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

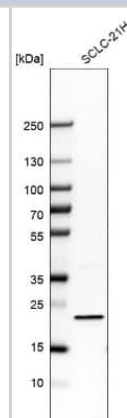
Host	Rabbit
Gene ID	10842
Gene Symbol	PPP1R17
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: DRLDKLDPRCSHLDDLSDQFIKDCDLKKKPRKGKNVQATLNVESDQKKPRRKD TPALH

Product Application Details

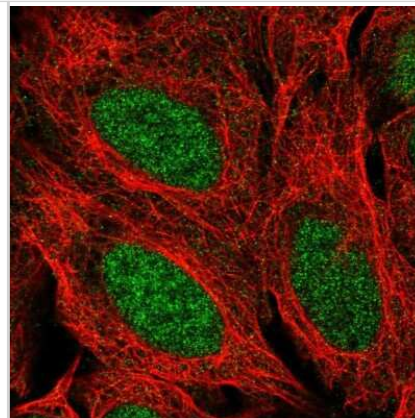
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 -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

Images

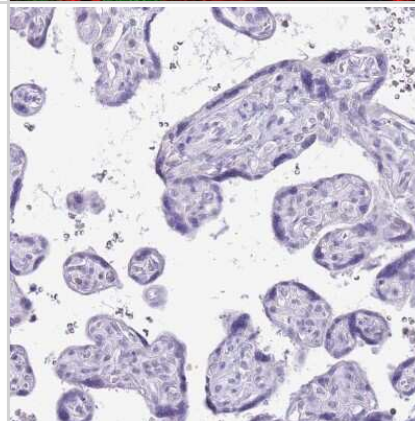
Western Blot: G-substrate Antibody [NBP2-13800] - Analysis in human cell line SCLC-21H.



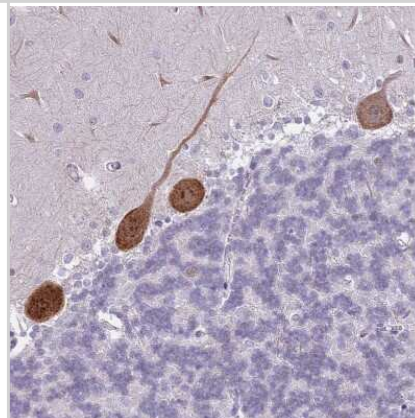
Immunocytochemistry/Immunofluorescence: G-substrate Antibody [NBP2-13800] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



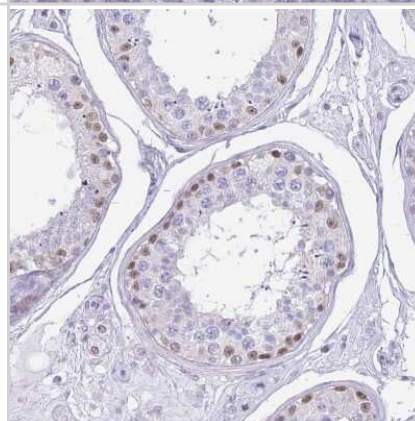
Immunohistochemistry-Paraffin: G-substrate Antibody [NBP2-13800] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



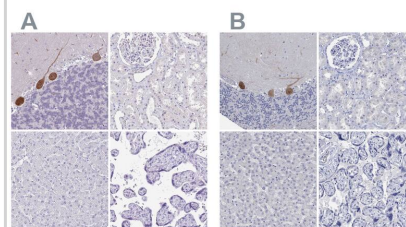
Immunohistochemistry-Paraffin: G-substrate Antibody [NBP2-13800] - Staining of human cerebellum shows moderate to strong positivity in Purkinje cells.



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

NBP2-13800PEP	G-substrate 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

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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