

# Product Datasheet

## PRA1 Antibody - BSA Free NBP1-80883

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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Updated 10/28/2025 v.20.1

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**NBP1-80883**

PRA1 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

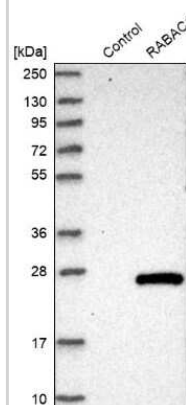
<b>Description</b>	Novus Biologicals Rabbit PRA1 Antibody - BSA Free (NBP1-80883) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10567
<b>Gene Symbol</b>	RABAC1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: MAAQKDQQKDAEAEGLSGTTLLPKLIPSGAGREWLERRRATIRPWSTFVDQQ RFSRP

**Product Application Details**

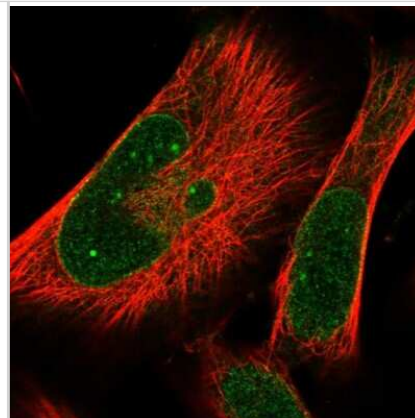
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

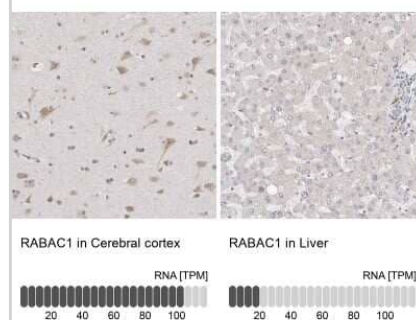
Western Blot: PRA1 Antibody [NBP1-80883] - Analysis in control (vector only transfected HEK293T lysate) and RABAC1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



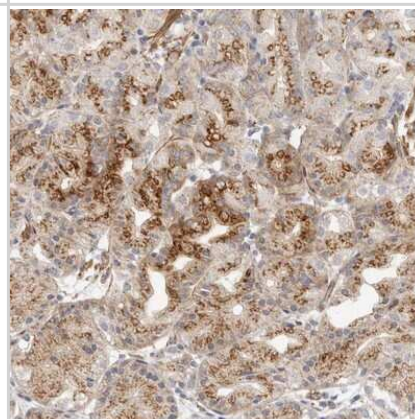
Immunocytochemistry/Immunofluorescence: PRA1 Antibody [NBP1-80883] - Staining of human cell line U-251 MG shows localization to nucleoli fibrillar center and nuclear membrane.



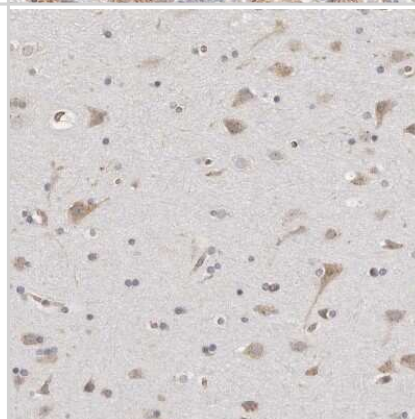
Immunohistochemistry-Paraffin: PRA1 Antibody [NBP1-80883] - Staining in human cerebral cortex and liver tissues using anti-RABAC1 antibody. Corresponding RABAC1 RNA-seq data are presented for the same tissues.



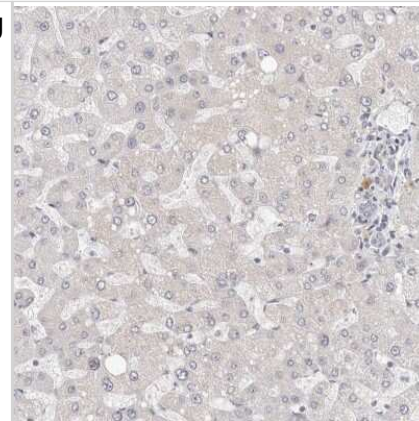
Immunohistochemistry-Paraffin: PRA1 Antibody [NBP1-80883] - Staining of human stomach shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: PRA1 Antibody [NBP1-80883] - Staining of human cerebral cortex shows high expression.



Immunohistochemistry-Paraffin: PRA1 Antibody [NBP1-80883] - Staining of human liver shows low expression as expected.



## Publications

Lampinen, R, R Mitochondrial dysfunction in non-neuronal cells in Alzheimer's disease Thesis 2022-01-01



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### **Products Related to NBP1-80883**

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NBP1-80883PEP	PRA1 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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