

# Product Datasheet

## Nova1 Antibody - BSA Free

### NBP1-86517

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: 2

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**NBP1-86517**

Nova1 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

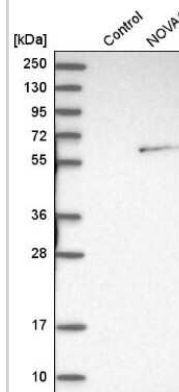
Product Description	
Host	Rabbit
Gene ID	4857
Gene Symbol	NOVA1
Species	Human, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:33799408).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NLNTLGLGLSQAATGALAAAAASANPAAAAANLLATYASEASASGSTAGGTA GTFALGSLAAATAATNGYFGAASPLAASAILGTEKSTDGSKDVVEIAVPENLVG AILGKGGKTLVEYQELTGARI

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, 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.

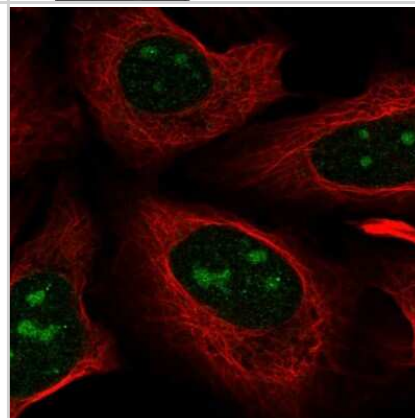


## Images

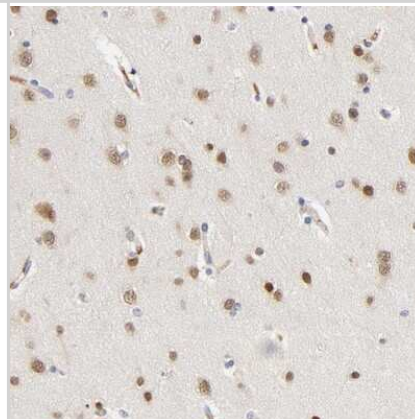
Western Blot: Nova1 Antibody [NBP1-86517] - Analysis in control (vector only transfected HEK293T lysate) and NOVA1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunocytochemistry/Immunofluorescence: Nova1 Antibody [NBP1-86517] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoli.



Immunohistochemistry-Paraffin: Nova1 Antibody [NBP1-86517] - Staining of human cerebral cortex shows moderate nuclear positivity in neuronal cells.



## Publications

Liu Z, Lou Y, Cui J et al. Circular RNA UVRAG Mediated by Alternative Splicing Factor NOVA1 Regulates Adhesion and Migration of Vascular Smooth Muscle Cells Genes 2021-03-14 [PMID: 33799408] (ICC/IF, Rat)

Li H, Sun C, Wang Y et al. Dynamic Expression Pattern of Neuro-oncological Ventral Antigen 1 (Nova1) in the Rat Brain after Focal Cerebral Ischemia/Reperfusion Insults. J Histochem Cytochem 2013-01-01 [PMID: 23042482]



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### **Products Related to NBP1-86517**

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NBP1-86517PEP	Nova1 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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