

# Product Datasheet

## **Nova1 Antibody** **NBP1-00221**

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-00221**

Nova1 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. 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>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

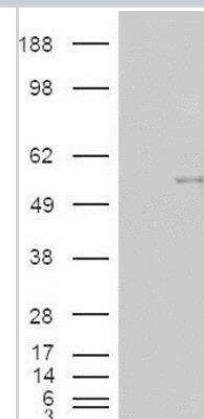
<b>Description</b>	Novus Biologicals Goat Nova1 Antibody (NBP1-00221) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Nova1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	4857
<b>Gene Symbol</b>	NOVA1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise all three reported isoforms (NP_002506.2 ; NP_006480.2 ; NP_006482.1)
<b>Immunogen</b>	Peptide with sequence C-REMPQNVAKTEPVS corresponding to internal region according to NP_002506.2 , NP_006480.2 , NP_006482.1.

**Product Application Details**

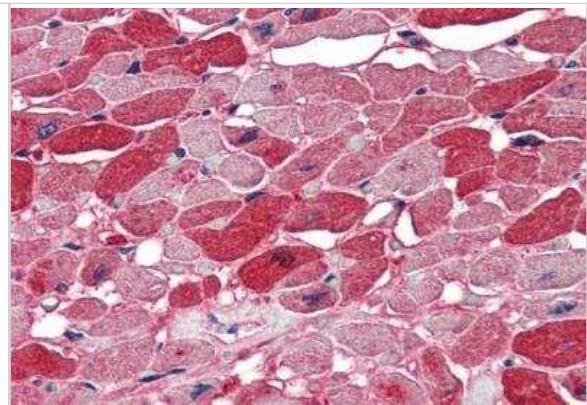
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.01 - 0.03 ug/mL, Immunohistochemistry 5 ug/mL, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:64000
<b>Application Notes</b>	WB: In transfected HEK293 transiently expressing NOVA1 a band of approx. 52 kDa is observed. This band is not observed in the non-transfected HEK293. IHC-P: Human cerebral cortex shows staining of selected nuclei.

**Images**

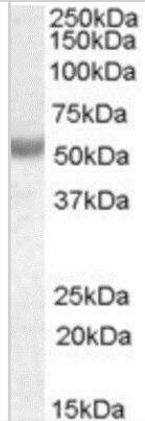
Western Blot: Nova1 Antibody [NBP1-00221] - HEK293 overexpressing NOVA1 and probed with (mock transfection in first lane).



Immunohistochemistry-Paraffin: Nova1 Antibody [NBP1-00221] -  
Staining of paraffin embedded Human Heart. Antibody at 5 ug/mL.  
Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



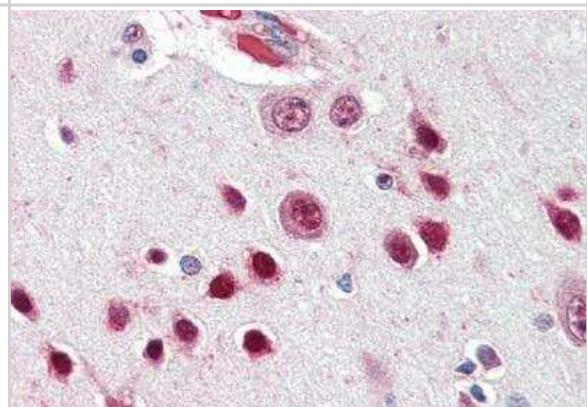
Western Blot: Nova1 Antibody [NBP1-00221] - Analysis of Nova1 in Human Breast Cancer lysate (35 ug protein in RIPA buffer) using NBP1-00221 at 0.01 ug/mL. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: Nova1 Antibody [NBP1-00221] -  
Staining of paraffin embedded Human Cerebral Cortex at 2.5 ug/mL.  
Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: Nova1 Antibody [NBP1-00221] -  
Staining of paraffin embedded Human Cortex. Antibody at 5 ug/mL.  
Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Jelen N, Ule J, Zivin M, Darnell RB. Evolution of Nova-dependent splicing regulation in the brain. PLoS Genet 2007-10-12 [PMID: 17937501]



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## Products Related to NBP1-00221

NBL1-13730	Nova1 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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