

# Product Datasheet

## NPAS2 Antibody - Azide and BSA Free H00004862-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**H00004862-B01P**

NPAS2 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

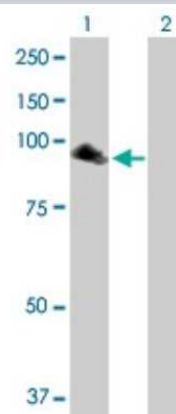
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	4862
Gene Symbol	NPAS2
Species	Human, Mouse
Specificity/Sensitivity	NPAS2 - neuronal PAS domain protein 2,
Immunogen	NPAS2 (AAH51351.2, 1 a.a. - 824 a.a.) full-length human protein. MDEDEKDRAKRASRNKSEKRRDQFNVLIKELSSMLPGNTRKMDKTTVLEKVI GFLQKHNEVSAQTEICDIQQDWKPSFLSNEEFTQLMLEALDGFIIAVTTDGSIIYV SDSITPLLGHLPSDVMQDQNLNLFPEQEHESEVYKILSSHMLVTDSPSPEYLKSD SDLEFYCHLLRGSLNPKEFPTYEYIKFVGNFRSYNNVPSPCNGFDNTLSRPC RVPLGKEVCFIATVRLATPQFLKEMCIVDEPLEEFTSRHSLEWKFLFLDHRAPPII GYLPFEVLGTSGYDYYHIDDLELLARCHQHLMQFGKGKSCCYRFLTGGQWI WLQTHYYITYHQWNSKPEFIVCTHSVVSYADVRVERRQELALEDPPEALHSS ALKDKGSSLEPRQHFNALDVGASGLNTSHSPSASSRSSHKSSHTAMSEPTSTP TKLMAEASTPALPRSATLPQELPVPGLSQAATMPAPLPSPSSCDLTQQLLPQT VLQSTPAPMAQFSAQFSMFQTIKDQLEQRTRILQANIRWQQEELHKIQEQLCLV QDSNVQMFLQQPAVSLFSSTQRPEAQQQLQQRSAAVTQPQLGAGPQLPGQI SSAQVTSQHLLRESSVISTQGPKPMRSSQLMQSSGRSGSSLVSPFSSATAALP PSLNLTTPASTSQDASQCQSPDFSHDRQLRLLLSQPIQPMMMPGSCDARQPS EVSRTGRQVKYAQSQTVFQNPDAHPANSSAPMPVLLMGQAVLHPSFPASQP SPLQPAQARQQPPQHLYLQVQAPTSLHSEQQDSSLSTYSQQPGTLGYPPPP AQPQPLRPPRRVSSLESSGLQQPPR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control. It has been used for IF.

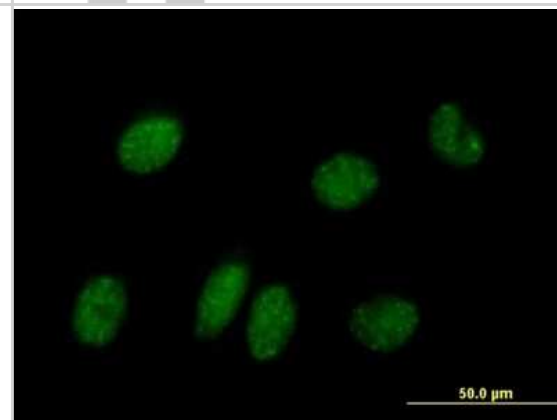


## Images

Western Blot: NPAS2 Antibody [H00004862-B01P] - Analysis of NPAS2 expression in transfected 293T cell line by NPAS2 polyclonal antibody. Lane 1: NPAS2 transfected lysate(90.64 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: NPAS2 Antibody [H00004862-B01P] - Analysis of purified antibody to NPAS2 on HeLa cell. (antibody concentration 10 ug/ml)



## Publications

Chen Y, Song W, Zhang H, Ji X MICALL2 participates in the regulation of epithelial-mesenchymal transition in alveolar epithelial cells - Potential roles in pulmonary fibrosis Archives of biochemistry and biophysics 2023-09-09 [PMID: 37690696] (IHC, Mouse)

Plikus MV, Vollmers C, de la Cruz D et al. Local circadian clock gates cell cycle progression of transient amplifying cells during regenerative hair cycling. Proc Natl Acad Sci U S A. 2013-05-20 [PMID: 23690597]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H00004862-B01P**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H00004862-P01-10ug	Recombinant Human NPAS2 GST (N-Term) Protein

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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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