

# Product Datasheet

## NSF Antibody - BSA Free NBP1-87035

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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**NBP1-87035**

NSF 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**

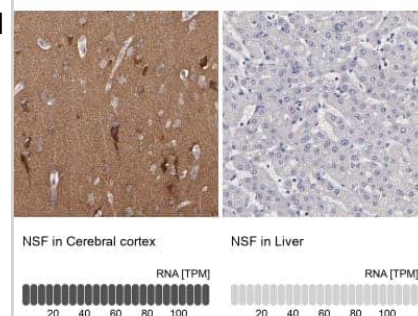
<b>Host</b>	Rabbit
<b>Gene ID</b>	4905
<b>Gene Symbol</b>	NSF
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (PMID: 24443234).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: KVEVDMEKAESLQVTRGDFLASLENDIKPAFGTNQEDYASYIMNGIIKWGDPVT RVLDDGELLVQQTKNSDRTPLVSVLLEGPPHSGKTALAAKIAEESNFPFIKICSP DK

**Product Application Details**

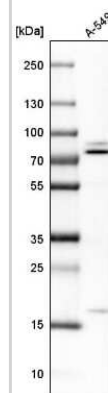
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: PFA/Triton X-100

**Images**

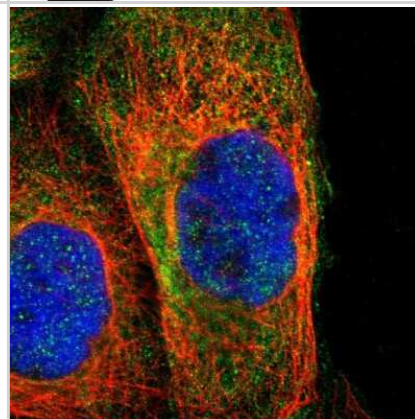
Immunohistochemistry-Paraffin: NSF Antibody [NBP1-87035] - Analysis in human cerebral cortex and liver tissues. Corresponding NSF RNA-seq data are presented for the same tissues.



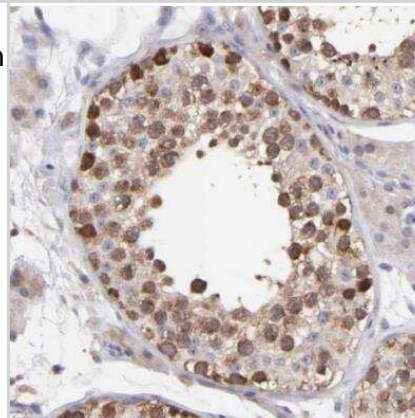
Western Blot: NSF Antibody [NBP1-87035] - Analysis in human cell line A-549.



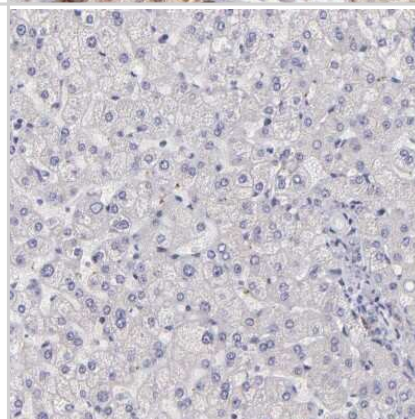
Immunocytochemistry/Immunofluorescence: NSF Antibody [NBP1-87035] - Immunofluorescent staining of human cell line A-431 shows localization to cytosol.



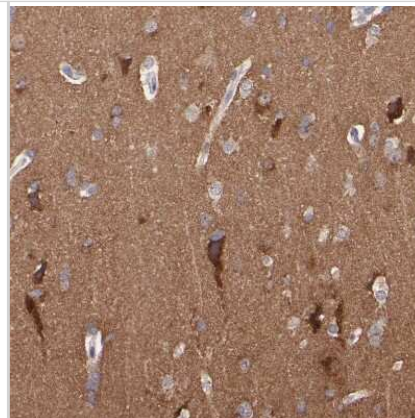
Immunohistochemistry-Paraffin: NSF Antibody [NBP1-87035] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.



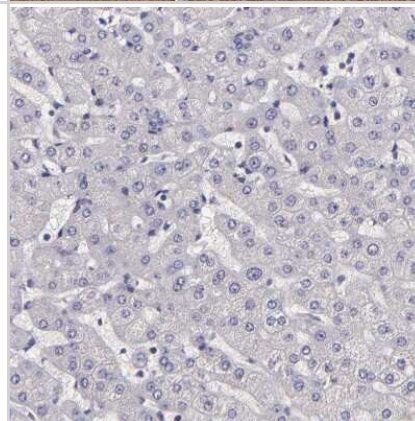
Immunohistochemistry-Paraffin: NSF Antibody [NBP1-87035] - Staining of human liver shows low expression as expected.



Immunohistochemistry-Paraffin: NSF Antibody [NBP1-87035] - Staining of human cerebral cortex shows strong positivity in neuropil.



Immunohistochemistry-Paraffin: NSF Antibody [NBP1-87035] - Staining of human liver shows no positivity in hepatocytes as expected.



## Publications

Li X, Zou Y, Luo H, et al. Spatiotemporal changes in NSF expression of DRG neurons in a rat model of spinal nerve ligation. J Mol Neurosci 2014-01-09 [PMID: 24443234] (IF, Rat)



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### **Products Related to NBP1-87035**

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NBP1-87035PEP	NSF 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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