

# Product Datasheet

## BASP1 Antibody - BSA Free

### NBP2-14347

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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**NBP2-14347**

BASP1 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**

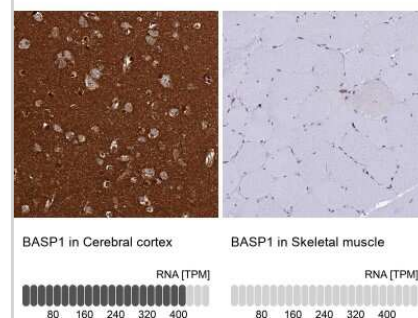
<b>Description</b>	Novus Biologicals Rabbit BASP1 Antibody - BSA Free (NBP2-14347) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10409
<b>Gene Symbol</b>	BASP1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: MGGKLSKKKKGYNVNDEKAKEKDKKAEGAATEEEGTPKESEP

**Product Application Details**

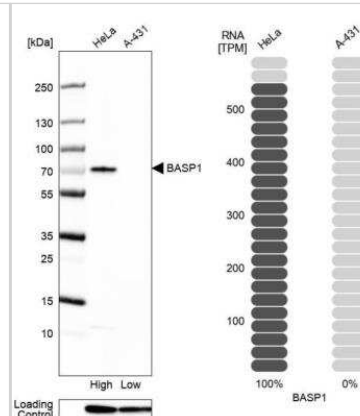
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

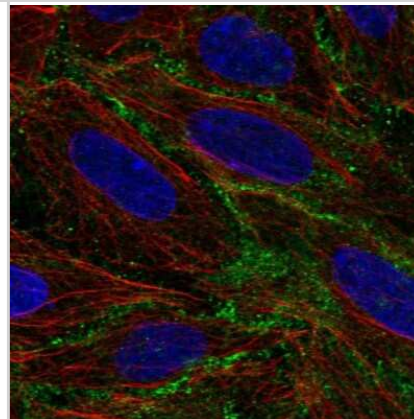
Immunohistochemistry-Paraffin: BASP1 Antibody [NBP2-14347] - Staining in human cerebral cortex and skeletal muscle tissues using NBP2-14347 antibody. Corresponding BASP1 RNA-seq data are presented for the same tissues.



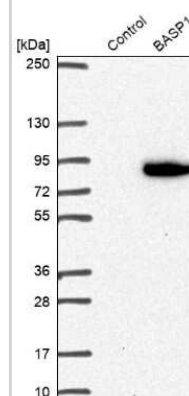
Western Blot: BASP1 Antibody [NBP2-14347] - Analysis in human cell line HeLa and human cell line A-431.



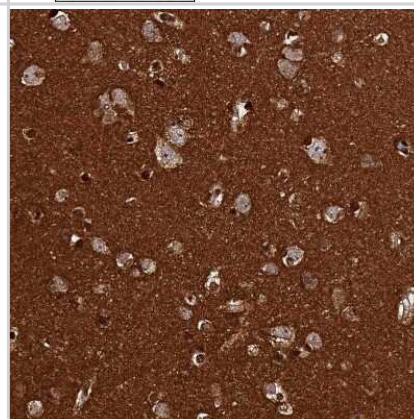
Immunocytochemistry/Immunofluorescence: BASP1 Antibody [NBP2-14347] - Staining of human cell line SiHa shows localization to plasma membrane. Antibody staining is shown in green.



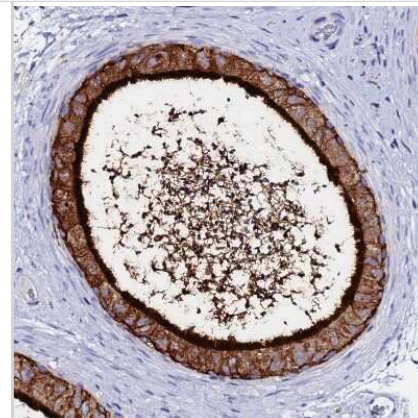
Western Blot: BASP1 Antibody [NBP2-14347] - Analysis in control (vector only transfected HEK293T lysate) and BASP1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



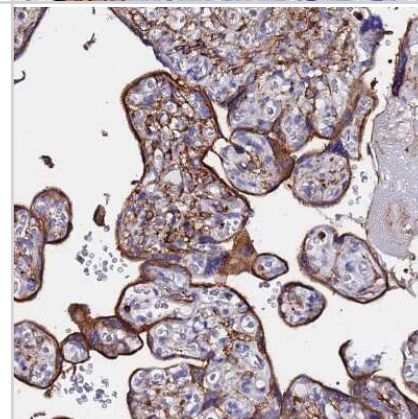
Immunohistochemistry-Paraffin: BASP1 Antibody [NBP2-14347] - Staining of human cerebral cortex shows strong positivity in neuropil.



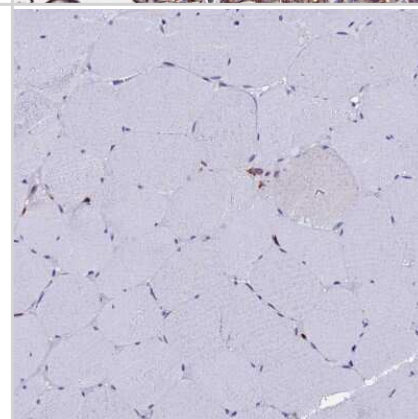
Immunohistochemistry-Paraffin: BASP1 Antibody [NBP2-14347] - Staining of human epididymis shows strong membranous positivity in glandular cells.



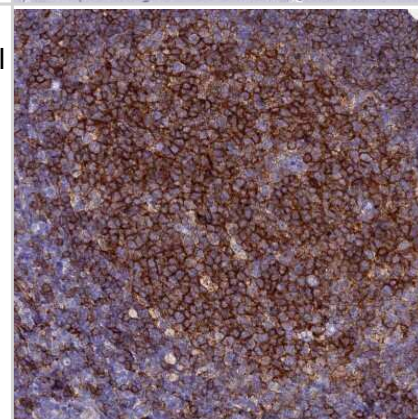
Immunohistochemistry-Paraffin: BASP1 Antibody [NBP2-14347] - Staining of human placenta shows strong membranous positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: BASP1 Antibody [NBP2-14347] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: BASP1 Antibody [NBP2-14347] - Staining of human tonsil shows strong membranous positivity in germinal center cells.



## Publications

Ma P, Zhang K, Yi L et al. Regular versus Irregular Exercise Differentially Modulates Hippocampal-Hepatic Acetylcholine Flux to Coordinate Fear Memory Extinction and Liver Inflammation. Advanced science (Weinheim, Baden-Wurttemberg, Germany) 2025-09-26 [PMID: 40999865]



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### **Products Related to NBP2-14347**

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NBP2-14347PEP	BASP1 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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