

# Product Datasheet

## G3BP1 Antibody - BSA Free

### NBP1-83404

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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Updated 12/2/2025 v.20.1

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**NBP1-83404**

G3BP1 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>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

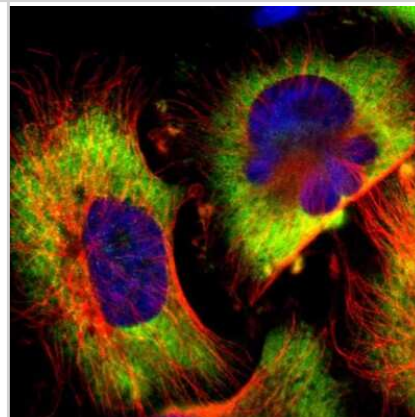
Product Description	
<b>Description</b>	Novus Biologicals Rabbit G3BP1 Antibody - BSA Free (NBP1-83404) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-G3BP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10146
<b>Gene Symbol</b>	G3BP1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: FRYQDEVFGGFVTEPQEESEEEVEEPEERQQQTPEVVPDDSGTFYDQAVVSND MEEHLEEPVAEPEPDPEPEPEQEPVSEIQEEKPEPVLEETAP

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	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, Knockdown Validated
<b>Application Notes</b>	WB reported in scientific literature (PMID: 27513819). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.



**Images**

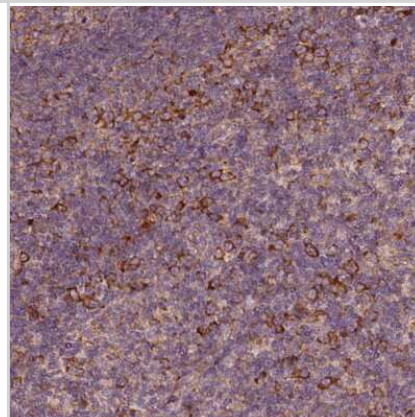
Immunocytochemistry/Immunofluorescence: G3BP1 Antibody [NBP1-83404] - Staining of human cell line U-251 MG shows localization to cytosol. Antibody staining is shown in green.



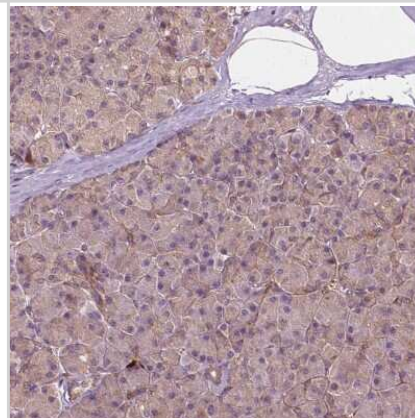
Immunohistochemistry-Paraffin: G3BP1 Antibody [NBP1-83404] - Staining of human testis shows positivity in cells in seminiferous ducts.



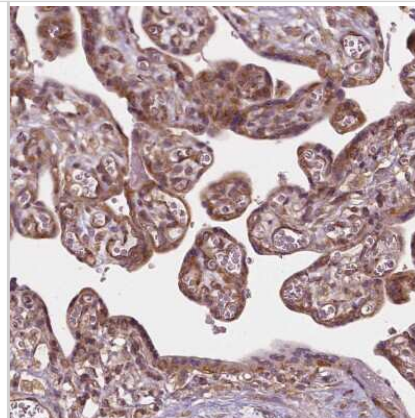
Immunohistochemistry-Paraffin: G3BP1 Antibody [NBP1-83404] - Staining of human lymph node shows positivity in lymphoid cells.



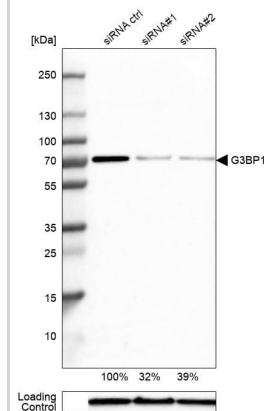
Immunohistochemistry-Paraffin: G3BP1 Antibody [NBP1-83404] - Staining of human pancreas shows positivity in exocrine glandular cells.



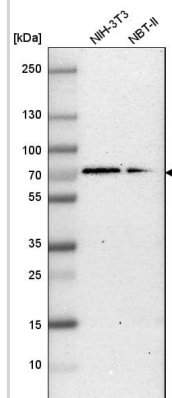
Immunohistochemistry-Paraffin: G3BP1 Antibody [NBP1-83404] - Staining of human placenta shows positivity in trophoblastic cells.



Analysis in A-431 cells) transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-G3BP1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



## Publications

Martin S, Bellora N, Gonzalez-Vallinas J et al. Preferential Binding of a stable G3BP Ribonucleoprotein Complex to Intron-retaining Transcripts in Mouse Brain and Modulation of their Expression in the Cerebellum. *J Neurochem* 2016-08-11 [PMID: 27513819] (WB, Mouse)



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### **Products Related to NBP1-83404**

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NBP1-83404PEP	G3BP1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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