

# Product Datasheet

## G3BP1 Antibody - BSA Free

### NBP2-16563

Unit Size: 0.1 ml

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

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#### Publications: 2

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**NBP2-16563**

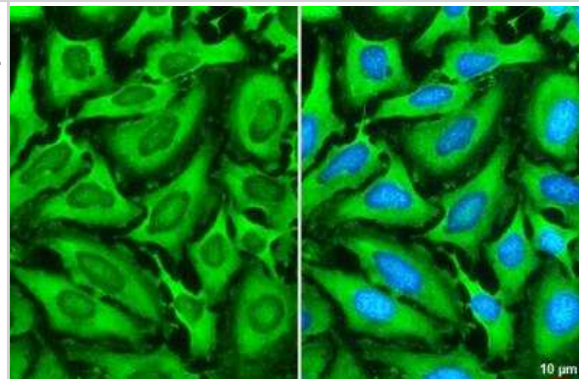
G3BP1 Antibody - BSA Free

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>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Target Molecular Weight</b>	52 kDa
Product Description	
<b>Description</b>	Novus Biologicals Rabbit G3BP1 Antibody - BSA Free (NBP2-16563) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-G3BP1 Antibody: Cited in 2 publications. 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
<b>Reactivity Notes</b>	Chicken (82%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human G3BP1. The exact sequence is proprietary.
Product Application Details	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:10000, Simple Western, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000
<b>Application Notes</b>	See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in PC12 cells, lysates

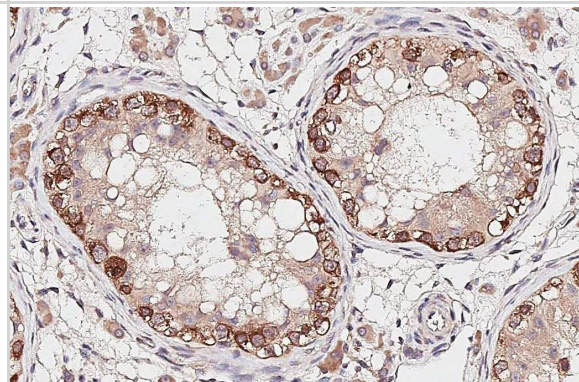


## Images

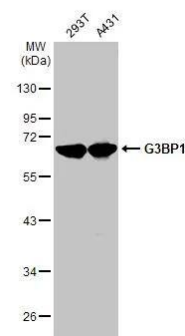
Immunocytochemistry/Immunofluorescence: G3BP1 Antibody [NBP2-16563] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: G3BP1 stained by G3BP1 antibody diluted at 1:2000. Blue: Fluoroshield with DAPI. Scale bar= 10  $\mu$ m.



G3BP1 antibody detects G3BP1 protein by immunohistochemical analysis. Sample: Paraffin-embedded human testis. G3BP1 stained by G3BP1 antibody (NBP2-16563) diluted at 1:250. Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min



Various whole cell extracts (30  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with G3BP1 antibody (NBP2-16563) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

PiNeros AR, Kulkarni A, Gao H et al. Proinflammatory signaling in islet beta cells propagates invasion of pathogenic immune cells in autoimmune diabetes Cell reports 2022-06-28 [PMID: 35767947] (ICC/IF, IF/IHC, Mouse)

Lefort S, El-Naggar A, Tan S et al. De novo and cell line models of human mammary cell transformation reveal an essential role for Yb-1 in multiple stages of human breast cancer Cell death and differentiation 2021-07-22 [PMID: 34294889] (IHC-P)



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### **Products Related to NBP2-16563**

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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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