

# Product Datasheet

## G3BP1 Antibody (5A4T0)

### NBP3-16302-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16302-100ul**

G3BP1 Antibody (5A4T0)

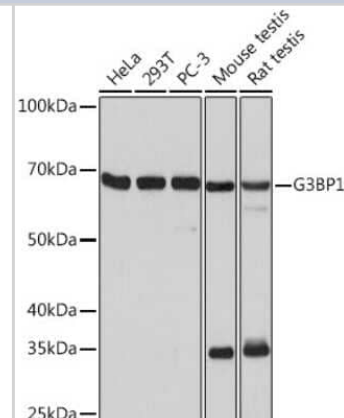
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5A4T0
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
Description	Novus Biologicals Rabbit G3BP1 Antibody (5A4T0) (NBP3-16302) is a recombinant monoclonal antibody validated for use in WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10146
Gene Symbol	G3BP1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 350-450 of human G3BP1 (Q13283). EVDKSELKDFQSYGNVVELRINSGGKLPNFGFVVFDDSEPVQKVLNRPIMF RGEVRLNVEKKTRAAREGDRRDNRRLRGPGGPRGGLGGGMRGPPRGGM

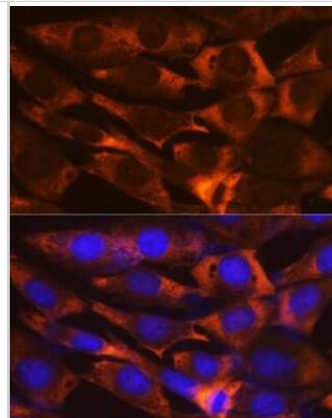
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:500 - 1:1000

**Images**

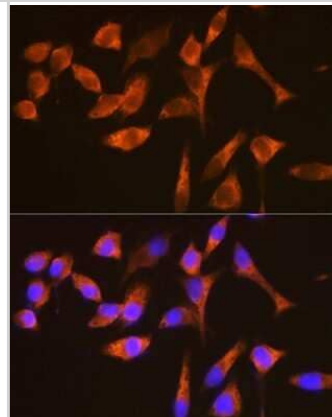
Western Blot: G3BP1 Antibody (5A4T0) [NBP3-16302] - Western blot analysis of extracts of various cell lines, using G3BP1 Rabbit mAb (NBP3-16302) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



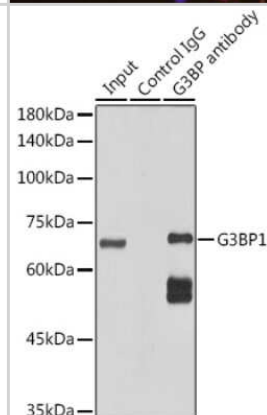
Immunocytochemistry/Immunofluorescence: G3BP1 Antibody (5A4T0) [NBP3-16302] - Immunofluorescence analysis of NIH-3T3 cells using G3BP11 Rabbit mAb (NBP3-16302) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



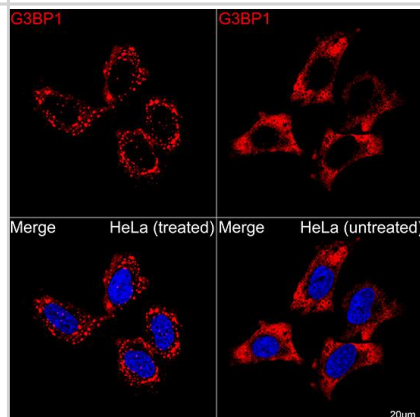
Immunocytochemistry/Immunofluorescence: G3BP1 Antibody (5A4T0) [NBP3-16302] - Immunofluorescence analysis of HeLa cells using G3BP11 Rabbit mAb (NBP3-16302) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



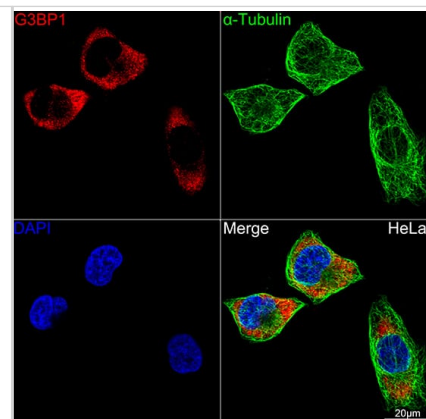
Immunoprecipitation: G3BP1 Antibody (5A4T0) [NBP3-16302] - Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug G3BP11 antibody (NBP3-16302). Western blot was performed from the immunoprecipitate using G3BP11 antibody (NBP3-16302) at a dilution of 1:1000.



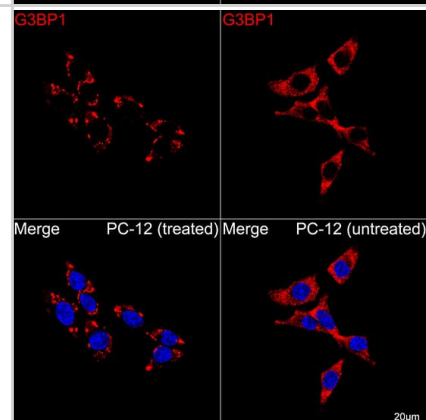
Immunocytochemistry/ Immunofluorescence: G3BP1 Antibody (5A4T0) [NBP3-16302] - Confocal imaging of HeLa cells (treated with sodium arsenite) and HeLa cells (untreated) using G3BP1 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: G3BP1 Antibody (5A4T0) [NBP3-16302] - Confocal imaging of HeLa cells using G3BP1 Rabbit mAb. The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: G3BP1 Antibody (5A4T0) [NBP3-16302] - Confocal imaging of PC-12 cells (treated with sodium arsenite) and PC-12 cells (untreated) using G3BP1 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 100x.





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### **Products Related to NBP3-16302-100ul**

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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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