

# Product Datasheet

## IRF7 Antibody - BSA Free NBP3-06987

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-06987](http://www.novusbio.com/NBP3-06987)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-06987](http://www.novusbio.com/reviews/destination/NBP3-06987)



**NBP3-06987**

IRF7 Antibody - BSA Free

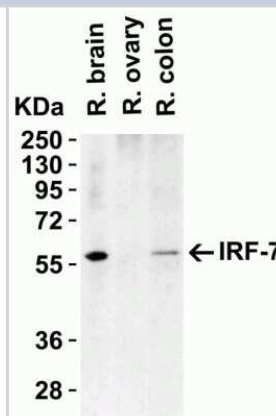
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit IRF7 Antibody - BSA Free (NBP3-06987) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3665
Gene Symbol	IRF7
Species	Human, Mouse, Rat
Specificity/Sensitivity	Several isoforms of IRF7 are known to exist. Human IRF7 has 4 isoforms, including isoform A (503aa, 54kD), isoform B (474aa, 52kD), isoform C (164aa, 18kD) and isoform D (516aa, 56kD). Mouse IRF7 has one isoform (457aa, 51kD) and Rat IRF7 also has one isoform (456aa, 51kD). NBP3-06987 can detect human isoforms and mouse, and possibly can detect rat.
Immunogen	Antibody was raised against a peptide corresponding to 17 amino acids near the center of human IRF7. The immunogen is located within amino acids 200-230 of IRF7.

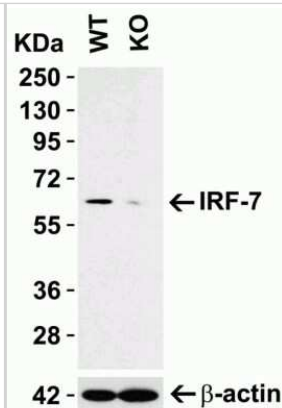
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 0.5-1 ug/mL, ELISA, Immunohistochemistry 2-5 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 2-5 ug/mL, Knockout Validated

**Images**

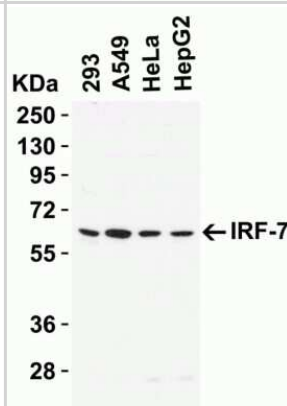
Western Blot: IRF7 Antibody [NBP3-06987] - Loading: 15 ug of lysates per lane. Antibodies: NBP3-06987(1 ug/mL), 1 hr incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution



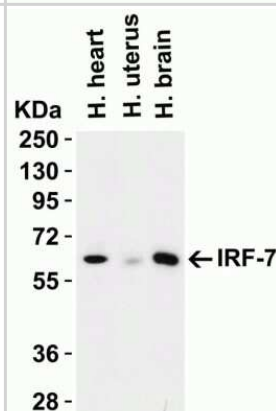
Western Blot: IRF7 Antibody [NBP3-06987] - Loading: 10ug of A549 WT cell lysates or IRF7 KO cell lysates. Antibodies: NBP3-06987 (0.5 ug/mL) and beta-actin, 1 hr incubation at RT in 5% NFDM/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



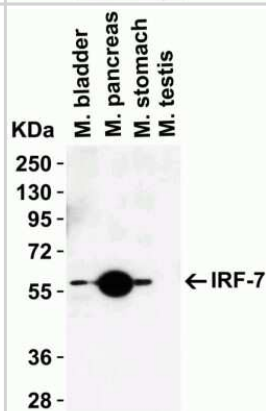
Western Blot: IRF7 Antibody [NBP3-06987] - Loading: 15 ug of lysates per lane. Antibodies: NBP3-06987(1 ug/mL), 1 hr incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution



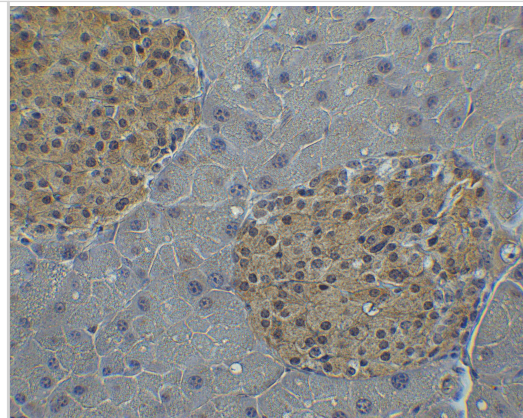
Western Blot: IRF7 Antibody [NBP3-06987] - Loading: 15 ug of lysates per lane. Antibodies: NBP3-06987(1 ug/mL), 1 hr incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution



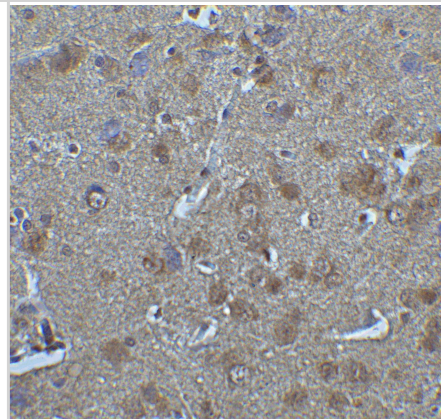
Western Blot: IRF7 Antibody [NBP3-06987] - Loading: 15 ug of lysates per lane. Antibodies: NBP3-06987(1 ug/mL), 1 hr incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution



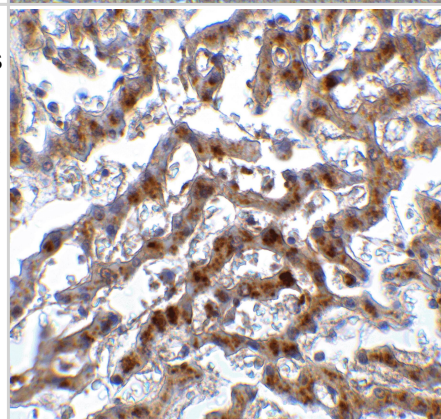
Immunohistochemistry: IRF7 Antibody - BSA Free [NBP3-06987] - Validation of IRF7 in Mouse Pancreas Tissue. Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue using anti-IRF7 antibody at 2 u/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



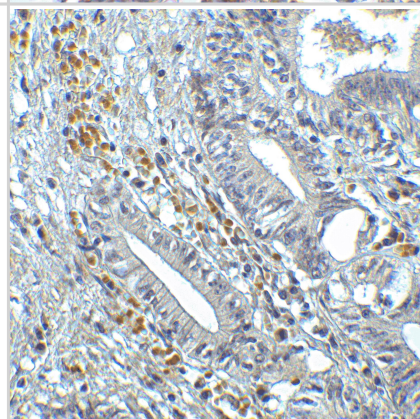
Immunohistochemistry: IRF7 Antibody - BSA Free [NBP3-06987] - Validation of IRF7 in Rat Brain Tissue. Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-IRF7 antibody at 5 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



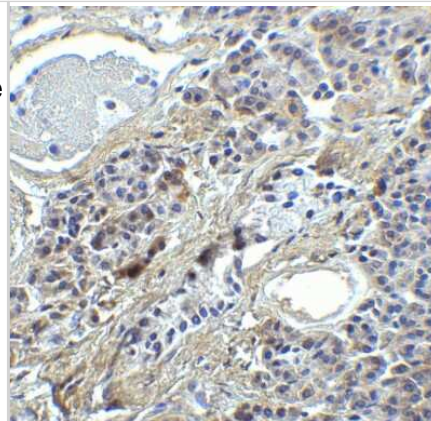
Immunohistochemistry: IRF7 Antibody - BSA Free [NBP3-06987] - Validation of IRF7 in Human Liver Tissue. Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-IRF7 antibody at 2 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



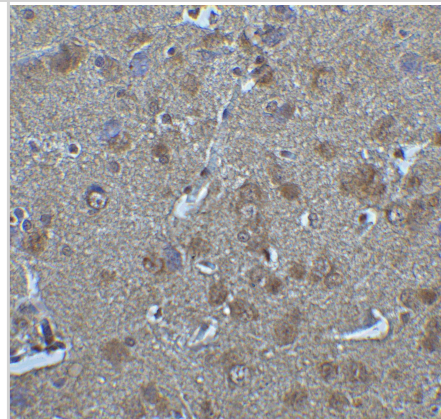
Immunohistochemistry: IRF7 Antibody - BSA Free [NBP3-06987] - Validation of IRF7 in Human Colon Tissue. Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-IRF7 antibody at 2 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



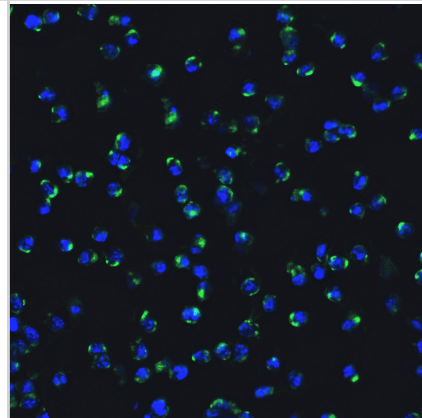
**Immunohistochemistry: IRF7 Antibody [NBP3-06987] -**  
Immunohistochemical analysis of paraffin-embedded human pancreas tissue using NBP3-06987 at 2 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4 degrees C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



**Immunohistochemistry: IRF7 Antibody - BSA Free [NBP3-06987] -**  
Validation of IRF7 in Rat Brain Tissue. Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-IRF7 antibody at 5 u/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



**Immunocytochemistry/ Immunofluorescence: IRF7 Antibody - BSA Free [NBP3-06987] -** Validation of IRF7 in Mouse Raw264.7 Cells.  
Immunofluorescent analysis of 4% paraformaldehyde-fixed Raw264.7 cells labeling IRF7 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-06987**

---

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

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-06987](http://www.novusbio.com/reviews/submit/NBP3-06987)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

