

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.

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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

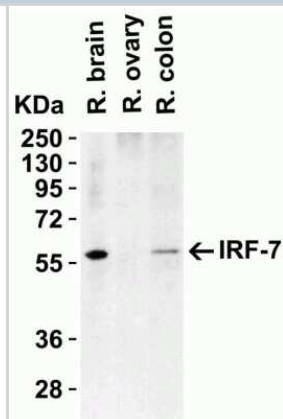
Host	Rabbit
Gene ID	3665
Gene Symbol	IRF7
Species	Human, Mouse, Rat
Specificity/Sensitivity	Several isoforms of IRF7 are known to exist. Human IRF7 has 4 isoforms, including isoform A (503aa, 54kD), isoform B (474aa, 52kD), isoform C (164aa, 18kD) and isoform D (516aa, 56kD). Mouse IRF7 has one isoform (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

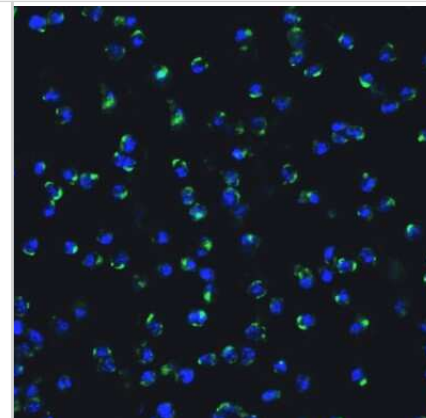
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 0.5-1 ug/mL, ELISA, Immunohistochemistry 2-5 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin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

Images

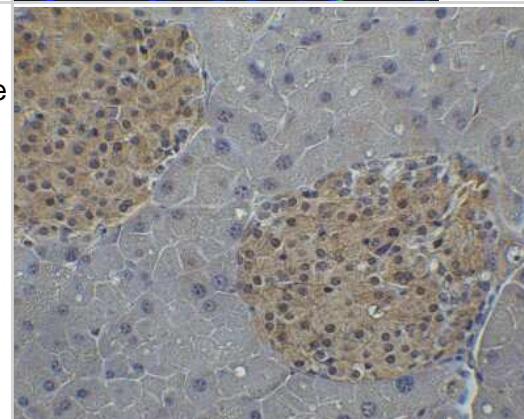
Western Blot: IRF7 Antibody [NBP3-06987] - Loading: 15 ug of lysates per lane. Antibodies: NBP3-06987(1 ug/mL), 1 hr incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution



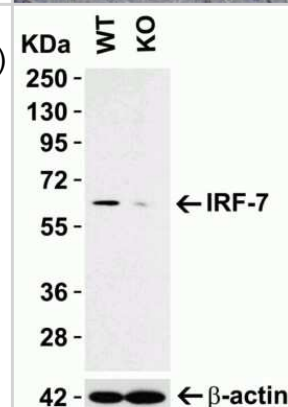
Immunocytochemistry/Immunofluorescence: IRF7 Antibody [NBP3-06987] - Immunofluorescent analysis of 4% paraformaldehyde-fixed Raw264.7 cells labeling IRF7 with NBP3-06987 at 20ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



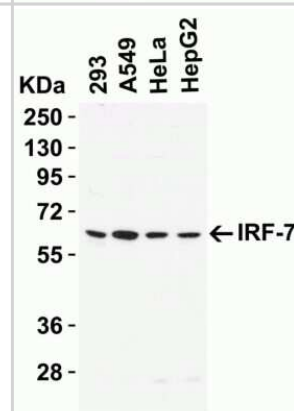
Immunohistochemistry: IRF7 Antibody [NBP3-06987] - Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue using NBP3-06987 at 2 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples 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.



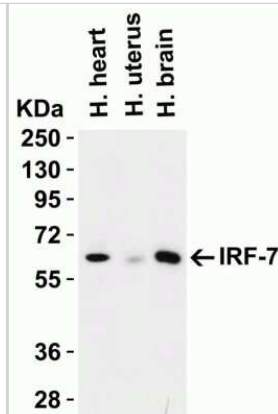
Western Blot: IRF7 Antibody [NBP3-06987] - Loading: 10ug of A549 WT cell lysates or IRF7 KO cell lysates. Antibodies: NBP3-06987 (0.5 ug/mL) and beta-actin, 1 hr incubation at RT in 5% NFDN/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



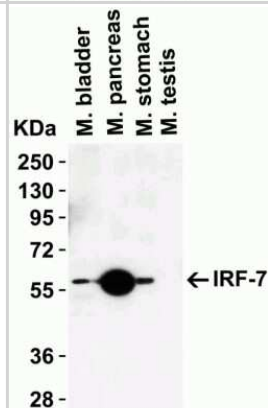
Western Blot: IRF7 Antibody [NBP3-06987] - Loading: 15 ug of lysates per lane. Antibodies: NBP3-06987(1 ug/mL), 1 hr incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution



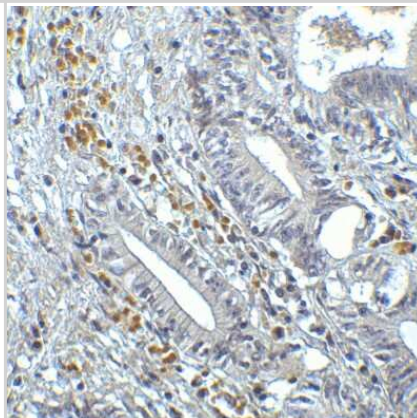
Western Blot: IRF7 Antibody [NBP3-06987] - Loading: 15 ug of lysates per lane. Antibodies: NBP3-06987(1 ug/mL), 1 hr incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution



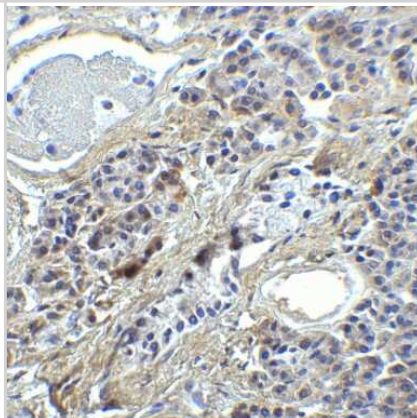
Western Blot: IRF7 Antibody [NBP3-06987] - Loading: 15 ug of lysates per lane. Antibodies: NBP3-06987(1 ug/mL), 1 hr incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution



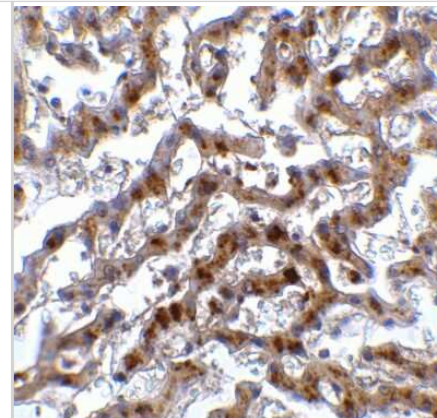
Immunohistochemistry: IRF7 Antibody [NBP3-06987] - Immunohistochemical analysis of paraffin-embedded human colon tissue using NBP3-06987 at 2 ug/mL. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 hr at RT; antigen retrieval was by heat mediation with a citrate buffer (ph 6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as a secondary antibody. Counterstained with hematoxylin.



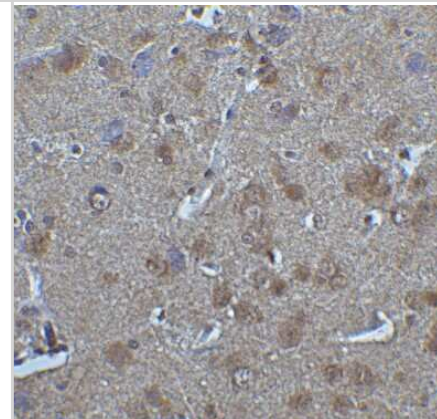
Immunohistochemistry: IRF7 Antibody [NBP3-06987] - Immunohistochemical analysis of paraffin-embedded human pancreas tissue using NBP3-06987 at 2 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples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





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

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38678PEP	IRF7 Recombinant Protein Antigen

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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