

Product Datasheet

IRF7 Antibody (SC0617) NBP2-67634

Unit Size: 100 ul

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

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technical@novusbio.com

Publications: 1

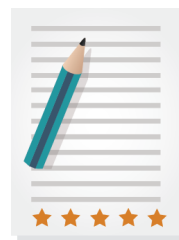
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NBP2-67634

IRF7 Antibody (SC0617)

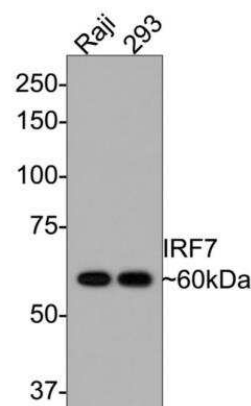
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SC0617
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit IRF7 Antibody (SC0617) (NBP2-67634) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-IRF7 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3665
Gene Symbol	IRF7
Species	Human, Mouse, Rat, Zebrafish
Immunogen	Synthetic peptide within human IRF7 aa 200-240. (SwissProt: Q92985 Human; SwissProt: P70434 Mouse; Unigene:101159 Rat)

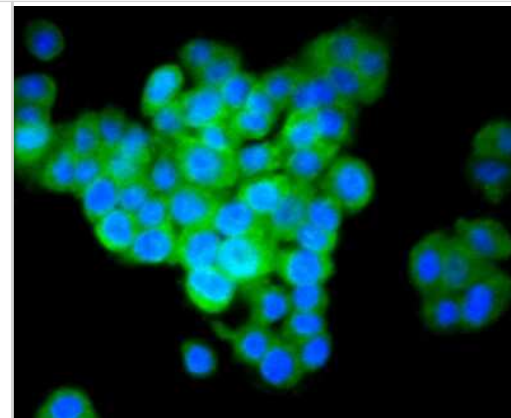
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	IP: Use at an assay dependent concentration.

Images

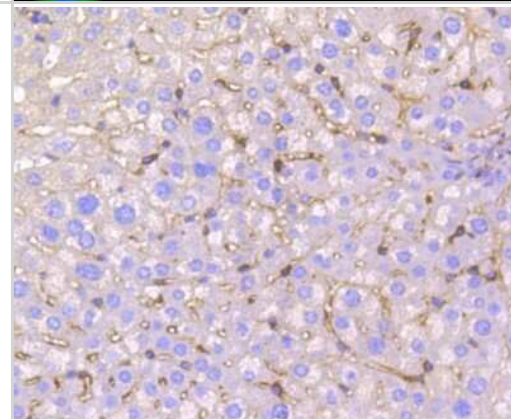
Western Blot: IRF7 Antibody (SC0617) [NBP2-67634] - Analysis of IRF7 on different lysates with Rabbit anti-IRF7 antibody at 1/500 dilution. Lane 1: Raji cell lysate Lane 2: 293 cell lysate Lysates/proteins at 10 ug/Lane. Predicted band size: 54 kDa Observed band size: 60 kDa Exposure time: 2 minutes; 8% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



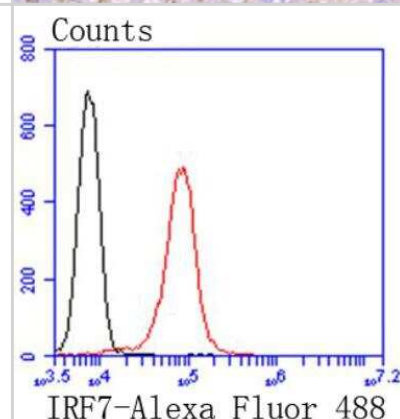
Immunocytochemistry/Immunofluorescence: IRF7 Antibody (SC0617) [NBP2-67634] - Staining IRF7 in PC-12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



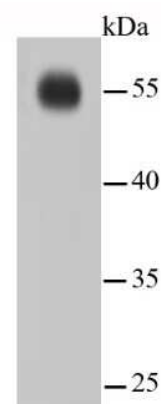
Immunohistochemistry-Paraffin: IRF7 Antibody (SC0617) [NBP2-67634] - Analysis of paraffin-embedded mouse liver tissue using anti-IRF7 antibody. Counter stained with hematoxylin.



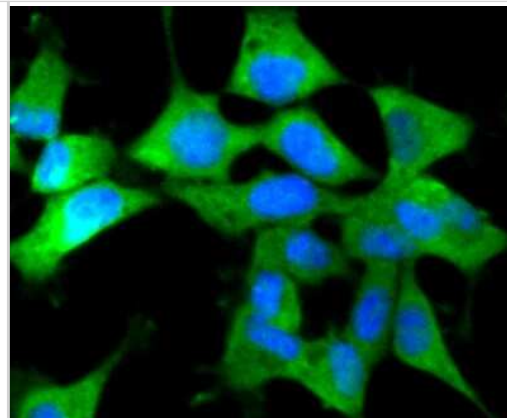
Flow Cytometry: IRF7 Antibody (SC0617) [NBP2-67634] - Analysis of Jurkat cells with IRF7 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



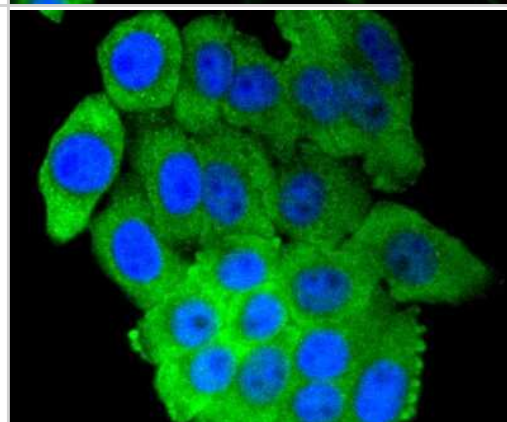
Western Blot: IRF7 Antibody (SC0617) [NBP2-67634] - Analysis of IRF7 on hybrid fish (crucian-carp) brain tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature.



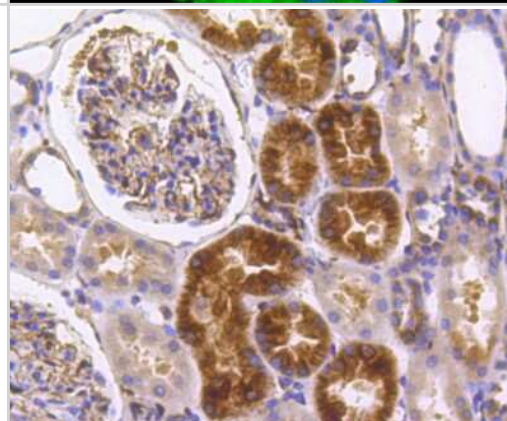
Immunocytochemistry/Immunofluorescence: IRF7 Antibody (SC0617) [NBP2-67634] - Staining IRF7 in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



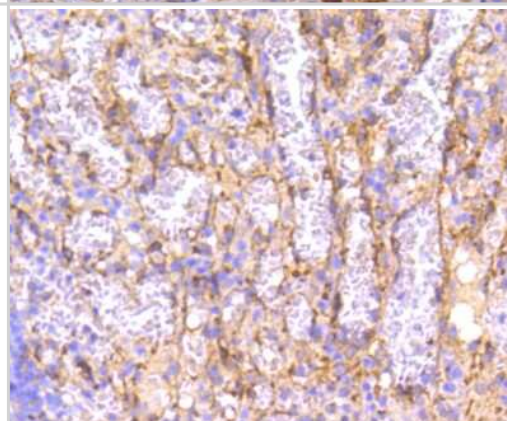
Immunocytochemistry/Immunofluorescence: IRF7 Antibody (SC0617) [NBP2-67634] - Staining IRF7 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



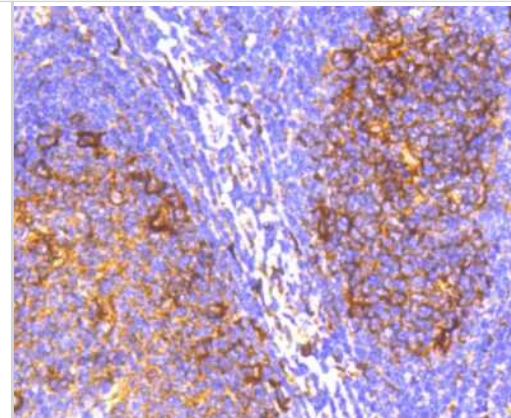
Immunohistochemistry-Paraffin: IRF7 Antibody (SC0617) [NBP2-67634] - Analysis of paraffin-embedded human kidney tissue using anti-IRF7 antibody. Counter stained with hematoxylin.



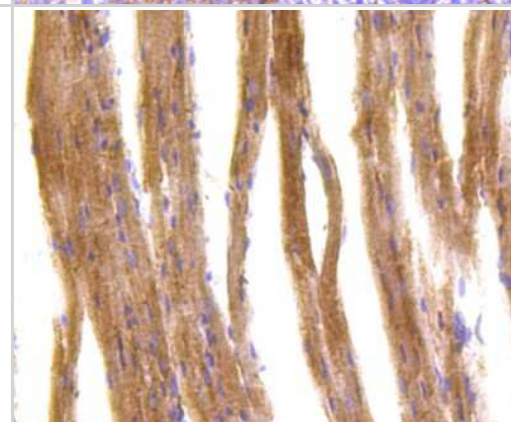
Immunohistochemistry-Paraffin: IRF7 Antibody (SC0617) [NBP2-67634] - Analysis of paraffin-embedded human spleen tissue using anti-IRF7 antibody. Counter stained with hematoxylin.



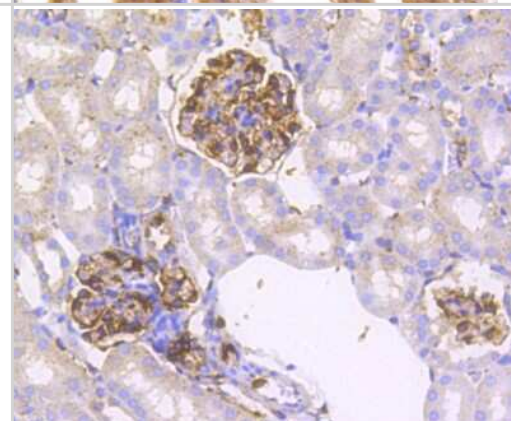
Immunohistochemistry-Paraffin: IRF7 Antibody (SC0617) [NBP2-67634]
 - Analysis of paraffin-embedded human tonsil tissue using anti-IRF7 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: IRF7 Antibody (SC0617) [NBP2-67634]
 - Analysis of paraffin-embedded mouse heart tissue using anti-IRF7 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: IRF7 Antibody (SC0617) [NBP2-67634]
 - Analysis of paraffin-embedded mouse kidney tissue using anti-IRF7 antibody. Counter stained with hematoxylin.



Publications

Chen Z, Gu Q, Chen R Promotive role of IRF7 in ferroptosis of colonic epithelial cells in ulcerative colitis by the miR-375-3p/SLC11A2 axis Bosnian journal of basic medical sciences 2022-11-04 [PMID: 36336986] (Chemotaxis, Mouse)



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Products Related to NBP2-67634

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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