

Product Datasheet

IRF6 Antibody - BSA Free NBP2-49383

Unit Size: 0.1 ml

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

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Publications: 2

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Updated 9/9/2025 v.20.1

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NBP2-49383

IRF6 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

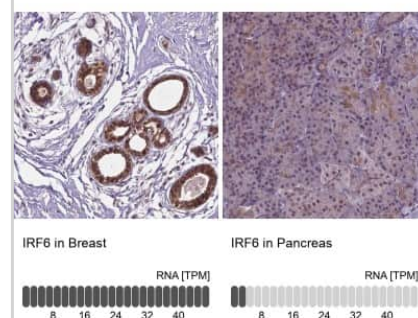
Description	Novus Biologicals Rabbit IRF6 Antibody - BSA Free (NBP2-49383) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-IRF6 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3664
Gene Symbol	IRF6
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: KSREFNLMYDGTKEVPMNPVKIYQVCDIPQPQGSIIINPGSTGSAPWDEKDNDV DEE

Product Application Details

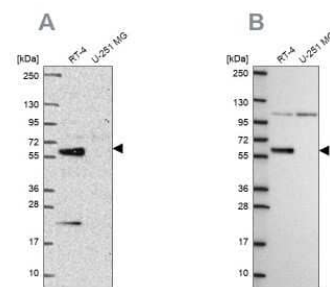
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

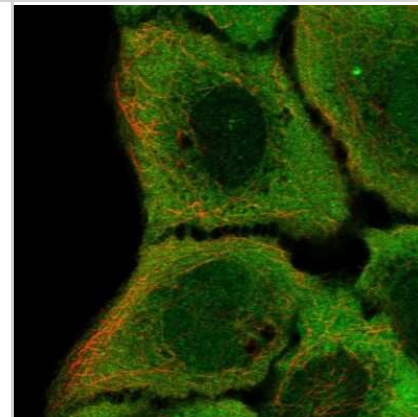
Immunohistochemistry-Paraffin: IRF6 Antibody [NBP2-49383] - Staining in human breast and pancreas tissues using anti-IRF6 antibody. Corresponding IRF6 RNA-seq data are presented for the same tissues.



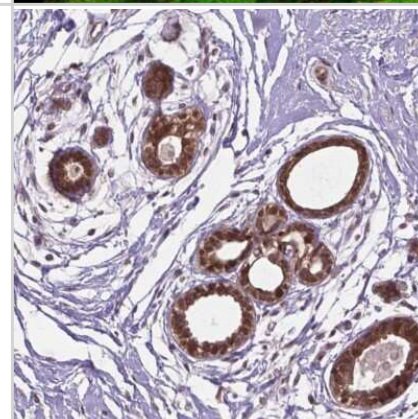
Western Blot: IRF6 Antibody [NBP2-49383] - Analysis using Anti-IRF6 antibody NBP2-49383 (A) shows similar pattern to independent antibody NBP2-55961 (B).



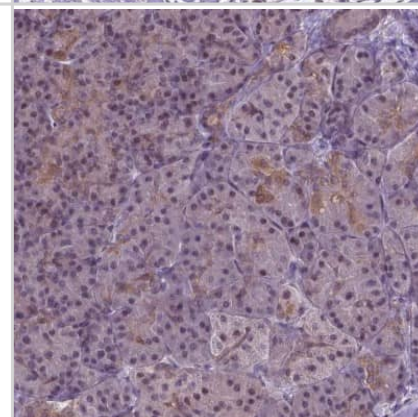
Immunocytochemistry/Immunofluorescence: IRF6 Antibody [NBP2-49383] - Staining of human cell line HaCaT shows localization to nucleus, cytosol & cell junctions. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: IRF6 Antibody [NBP2-49383] - Staining of human breast shows high expression.



Immunohistochemistry-Paraffin: IRF6 Antibody [NBP2-49383] - Staining of human pancreas shows low expression as expected.



Publications

Eleftheria Girousi, Lukas Muerner, Ludovica Parisi, Silvia Rihs, Stephan von Gunten, Christos Katsaros, Martin Degen Lack of IRF6 Disrupts Human Epithelial Homeostasis by Altering Colony Morphology, Migration Pattern, and Differentiation Potential of Keratinocytes *Frontiers in Cell and Developmental Biology* 2021-09-30 [PMID: 34660580]

Parisi L, Mockenhaupt C, Rihs S et al. Consistent downregulation of the cleft lip/palate-associated genes IRF6 and GRHL3 in carcinomas *Frontiers in oncology* 2022-11-15 [PMID: 36457487] (IHC, Human)





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Products Related to NBP2-49383

NBP2-49383PEP	IRF6 Recombinant Protein Antigen
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.

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