

Product Datasheet

RFX3 Antibody - BSA Free NBP1-86301

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 2/9/2026 v.20.1

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NBP1-86301

RFX3 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

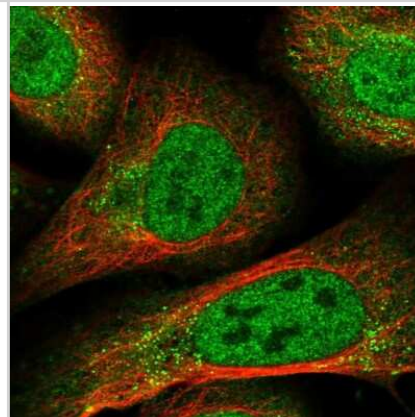
Product Description	
Description	Novus Biologicals Rabbit RFX3 Antibody - BSA Free (NBP1-86301) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-RFX3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5991
Gene Symbol	RFX3
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 25599390).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QYMAMRQQPMQQKQRYKPMQKVDGVADGFTGSGQQTGTSVEQTIVIAQSQH HQQFLDASRALPEFGEVEISSLPDGTTFEDIKSLQSLYREHCEAILDVVVNLQFS LIEKLWQTFWRYSPSTPTDGTITESSNLSE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

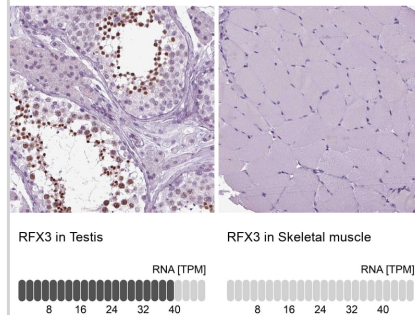


Images

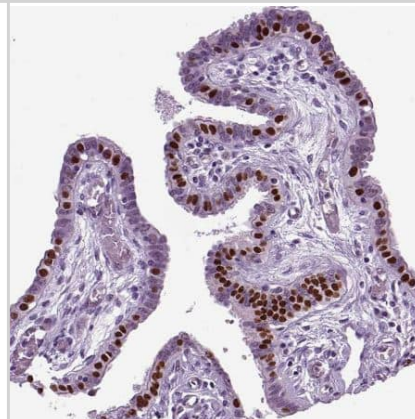
Immunocytochemistry/Immunofluorescence: RFX3 Antibody [NBP1-86301] - Staining of human cell line U-2 OS shows localization to nucleoplasm & vesicles. Antibody staining is shown in green.



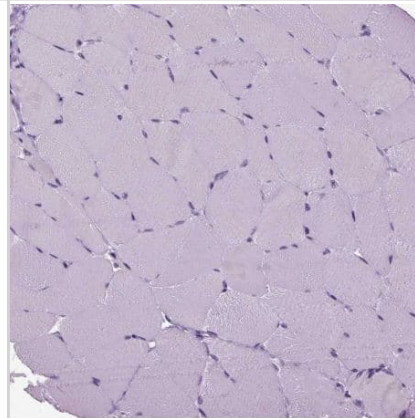
Analysis in human testis and skeletal muscle tissues Corresponding RFX3 RNA-seq data are presented for the same tissues.



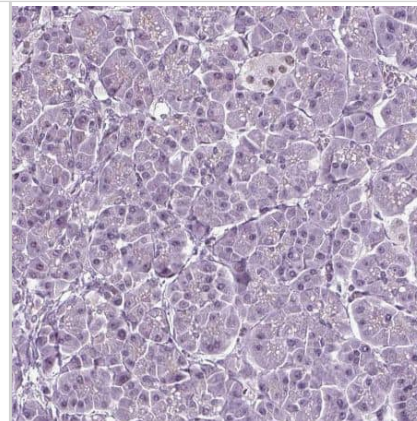
Immunohistochemistry-Paraffin: RFX3 Antibody [NBP1-86301] -Staining of human fallopian tube shows moderate nuclear positivity in glandular cells.



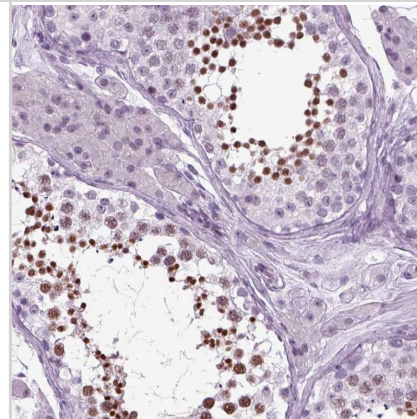
Immunohistochemistry-Paraffin: RFX3 Antibody [NBP1-86301] -Staining of human skeletal muscle shows no positivity in myocytes as expected.



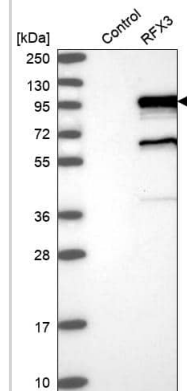
Immunohistochemistry-Paraffin: RFX3 Antibody [NBP1-86301] -Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



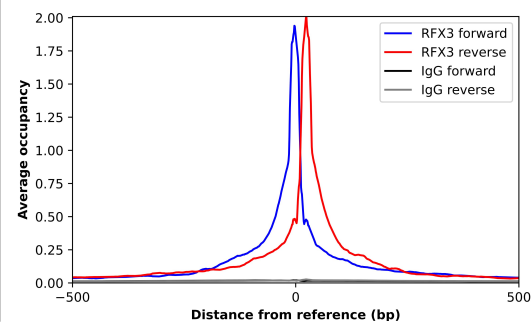
Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Analysis in control (vector only transfected HEK293T lysate) and rFX3 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



ChIP-Exo-Seq composite graph for Anti-RFX3 (NBP1-86301) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Publications

Elkon R, Milon B, Morrison L et al. RFX transcription factors are essential for hearing in mice. Nat Commun 2015-10-15 [PMID: 26469318] (IF/IHC, Mouse)

.Bangs FK, Schrode N, Hadjantonakis AK, Anderson KV. Lineage specificity of primary cilia in the mouse embryo. Nat Cell Biol 2015-02-01 [PMID: 25599390] (ICC/IF, Mouse)



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Products Related to NBP1-86301

NBP1-86301PEP	RFX3 Recombinant Protein Antigen
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.

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