

Product Datasheet

TFIIB Antibody - BSA Free NBP2-34143

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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NBP2-34143

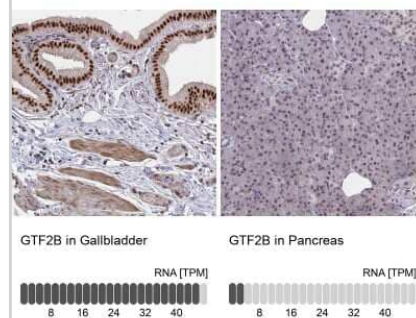
TFIIB Antibody - BSA Free

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 TFIIB Antibody - BSA Free (NBP2-34143) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2959
Gene Symbol	GTF2B
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (85%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: LPRDTCNHPDAILVEDYRAGDMICPECGLVVGDRVIDVGSEWRTFSNDKATK DPSRVGDSQNPLLSGDGLSTMIGKGTGAASFDEFG
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

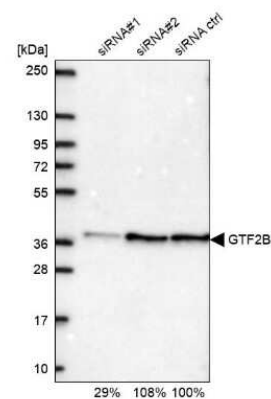


Images

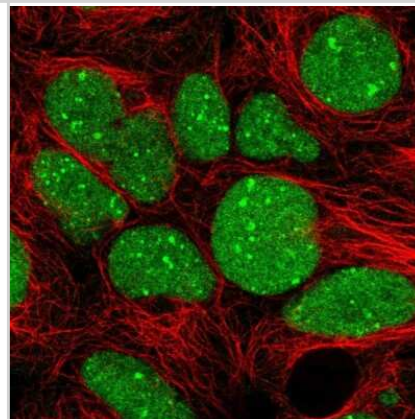
Immunohistochemistry-Paraffin: TFIIB Antibody [NBP2-34143] - Staining in human gallbladder and pancreas tissues using anti-GTF2B antibody. Corresponding GTF2B RNA-seq data are presented for the same tissues.



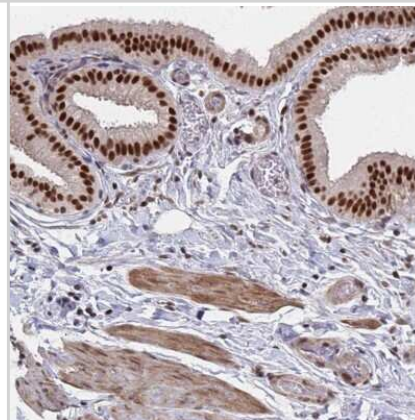
Western Blot: TFIIB Antibody [NBP2-34143] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2, using anti-GTF2B antibody. Remaining relative intensity is presented.



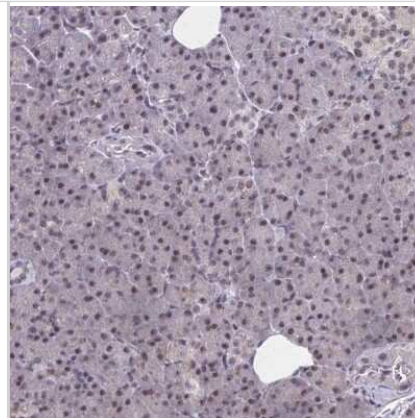
Immunocytochemistry/Immunofluorescence: TFIIB Antibody [NBP2-34143] - Staining of human cell line HEK 293 shows localization to nucleus & nuclear bodies. Antibody staining is shown in green.



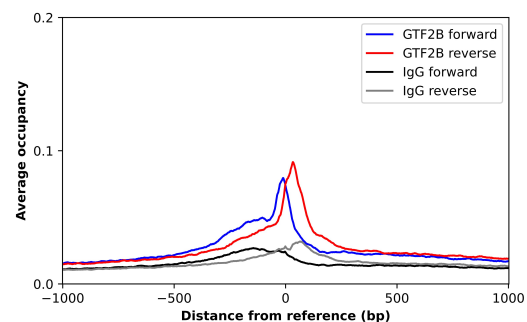
Immunohistochemistry-Paraffin: TFIIB Antibody [NBP2-34143] - Staining of human gallbladder shows high expression.



Immunohistochemistry-Paraffin: TFIIIB Antibody [NBP2-34143] - Staining of human pancreas shows low expression as expected.



ChIP-Exo-Seq composite graph for Anti-GTF2B (NBP2-34143) 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.





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Products Related to NBP2-34143

NBP2-34143PEP	TFIIB 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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