

# Product Datasheet

## TTC11 Antibody - BSA Free NBP1-85664

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 12/2/2025 v.20.1

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**NBP1-85664**

TTC11 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

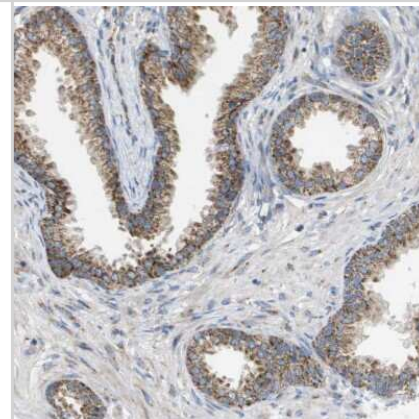
Product Description	
Description	Novus Biologicals Rabbit TTC11 Antibody - BSA Free (NBP1-85664) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TTC11 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51024
Gene Symbol	FIS1
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23249249)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MEAVLNELVSVEDLLKFEKKFQSEKAAGSVSKSTQFEYAWCLVRSKYND DIRK GIVLLEELLPKGSKEEQRDYVFYLA VGN YRLKEYEKALKYVRGLLQTEPQNNQA KELERLIDKAMKKD

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

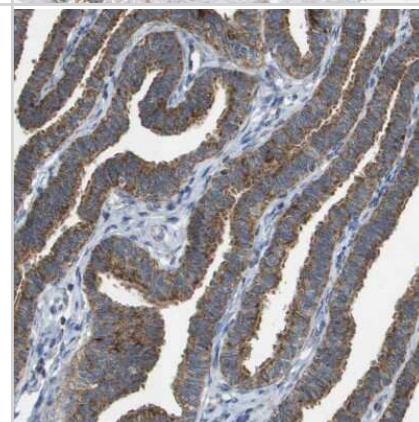


**Images**

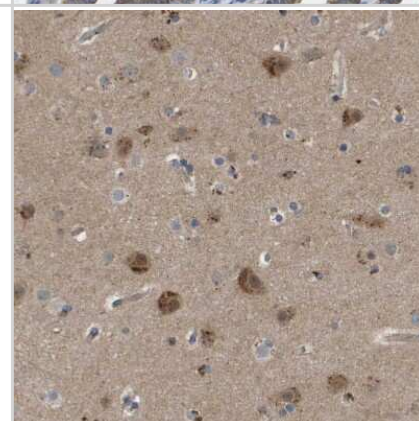
Immunohistochemistry-Paraffin: TTC11 Antibody [NBP1-85664] - Staining of human prostate shows moderate granular cytoplasmic positivity in glandular cells.



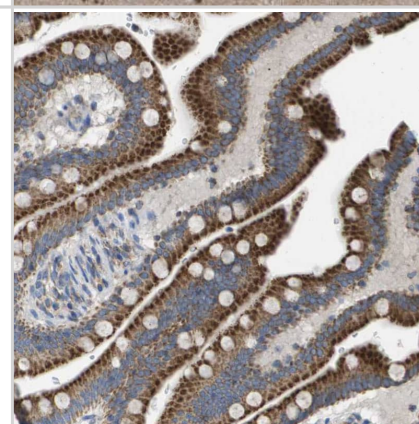
Immunohistochemistry-Paraffin: TTC11 Antibody [NBP1-85664] - Staining of human Fallopian tube shows moderate granular cytoplasmic positivity in glandular cells.



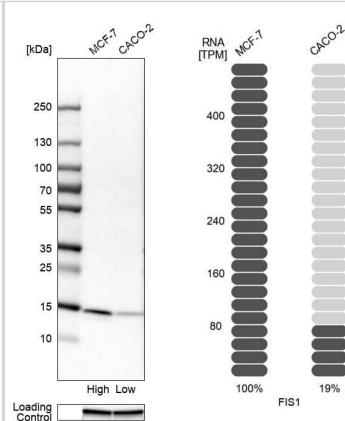
Immunohistochemistry-Paraffin: TTC11 Antibody [NBP1-85664] - Staining of human cerebral cortex shows moderate granular cytoplasmic positivity in neurons.



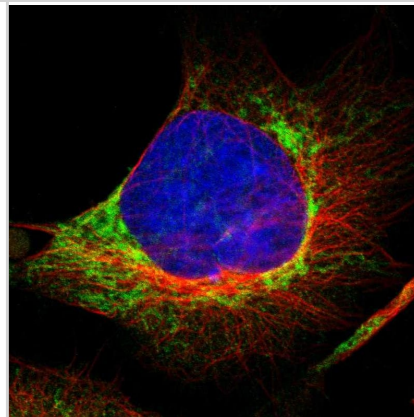
Staining of human small intestine shows moderate granular cytoplasmic positivity in glandular cells.



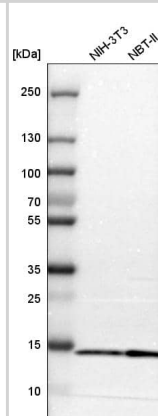
Analysis in human cell lines MCF-7 and Caco-2 using Anti-FIS1 antibody. Corresponding FIS1 RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



Staining of human cell line U-251 MG shows localization to mitochondria.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



## Publications

Vannuvel K, Van Steenbrugge M, Demazy C et al. Effects of a Sublethal and Transient Stress of the Endoplasmic Reticulum on the Mitochondrial Population. *J. Cell. Physiol.* 2015-12-17 [PMID: 26680008] (WB, Human)

Van Beersel G, Tihon E, Demine S et al. Different molecular mechanisms involved in spontaneous and oxidative stress-induced mitochondrial fragmentation in tripeptidyl peptidase-1 (TPP-1)-deficient fibroblasts. *Biosci Rep* 2013-02-07 [PMID: 23249249]



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### **Products Related to NBP1-85664**

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NBP1-85664PEP	TTC11 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

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### **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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