

# 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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**NBP1-85664**

TTC11 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

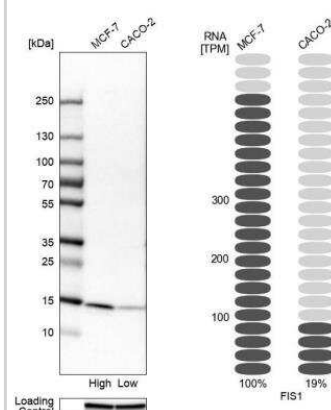
<b>Host</b>	Rabbit
<b>Gene ID</b>	51024
<b>Gene Symbol</b>	FIS1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 23249249)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: MEAVLNELVSVEDLLKFEKKFQSEKAAGSVSKSTQFEYAWCLVRSKYND DIRK GIVLLEELLPKGSKEEQRDYVFYLA VGN YRLKEYEKALKYVRGLLQTEPQNNQA KELERLIDKAMKKD

**Product Application Details**

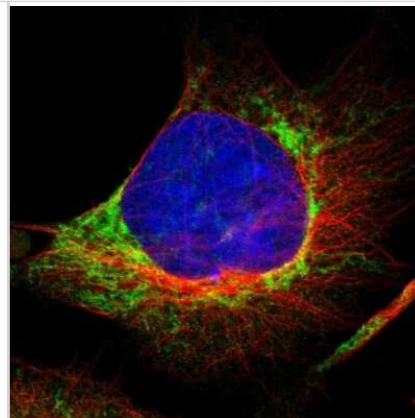
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

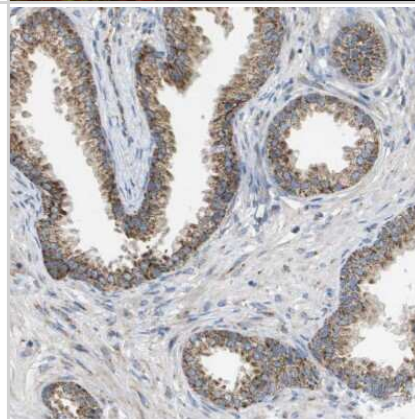
Western Blot: TTC11 Antibody [NBP1-85664] - Analysis in human cell lines MCF-7 and Caco-2. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



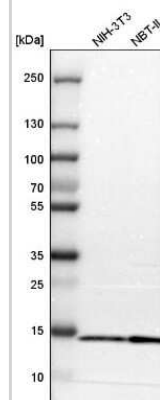
Immunocytochemistry/Immunofluorescence: TTC11 Antibody [NBP1-85664] - Staining of human cell line U-251 MG shows localization to mitochondria. Antibody staining is shown in green.



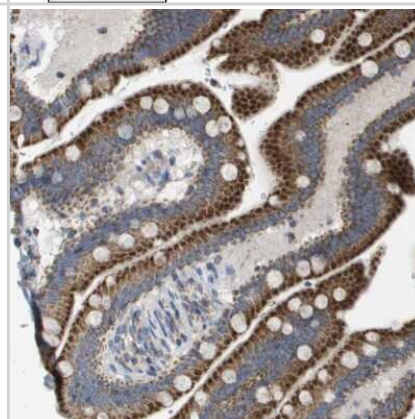
Immunohistochemistry-Paraffin: TTC11 Antibody [NBP1-85664] - Staining of human prostate shows moderate granular cytoplasmic positivity in glandular cells.



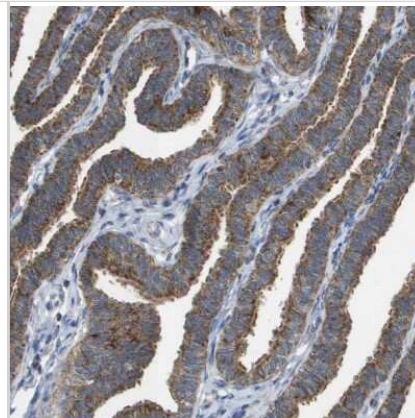
Western Blot: TTC11 Antibody [NBP1-85664] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



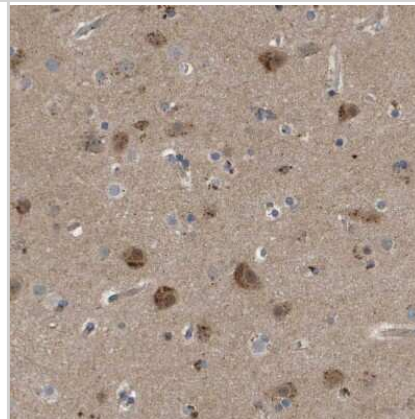
Immunohistochemistry-Paraffin: TTC11 Antibody [NBP1-85664] - Staining of human small intestine shows strong cytoplasmic granular positivity in glandular cells.



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.



## 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
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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