

TTC11 Rabbit mAb

Catalog No: #49980

Package Size: #49980-1 50ul #49980-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

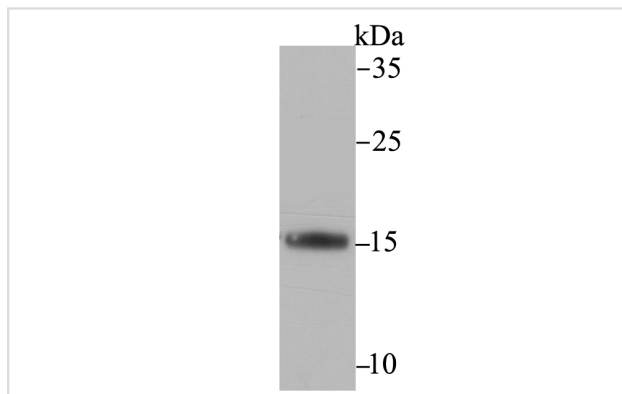
Description

Product Name	TTC11 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JE40-90
Purification	ProA affinity purified
Applications	WB,ICC,IF,IHC
Species Reactivity	Hu
Other Names	2010003O14Rik antibody CGI 135 antibody CGI135 antibody FIS 1 antibody FIS1 antibody Fis1 homolog antibody FIS1, S. cerevisiae, homolog of antibody FIS1_HUMAN antibody Fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae) antibody Fission 1 (mitochondrial outer membrane) homolog (yeast) antibody Fission 1 (mitochondrial outer membrane) homolog antibody Fission 1 homolog antibody H NH0132A01.6 antibody hFis 1 antibody hFis1 antibody Mitochondrial fission 1 protein antibody mitochondrial fission molecule antibody Tetratricopeptide repeat domain 11 antibody Tetratricopeptide repeat protein 11 antibody TPR repeat protein 11 antibody TTC 11 antibody
Accession No.	Swiss-Prot#:Q9Y3D6
Uniprot	Q9Y3D6
GeneID	51024;
Calculated MW	17 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

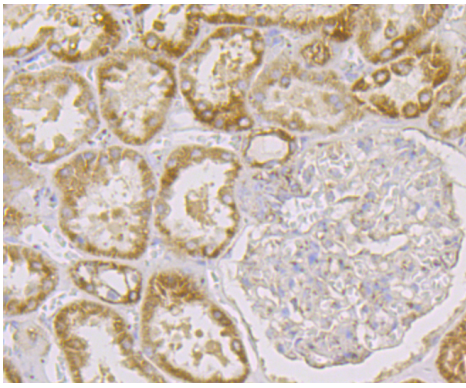
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200

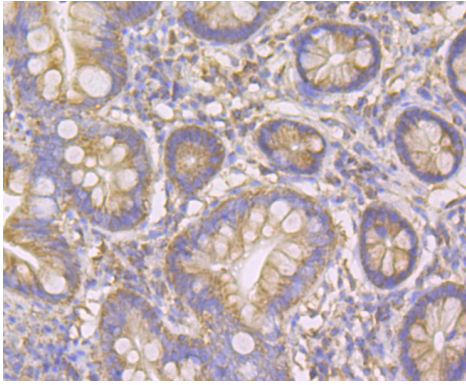
Images



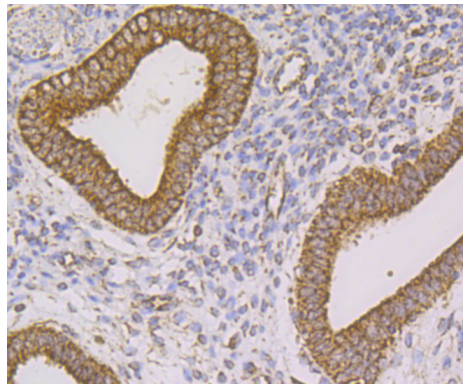
Western blot analysis of TTC11 on SK-Br-3 cell using anti-TTC11 antibody at 1/2,000 dilution.



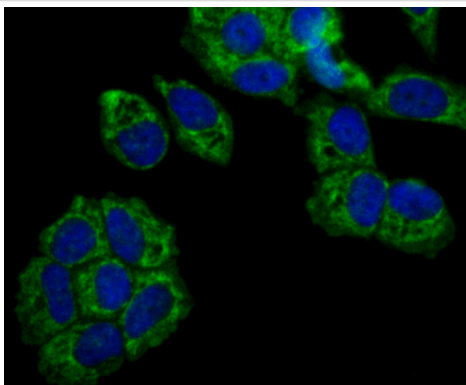
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-TTC11 antibody. Counter stained with hematoxylin.



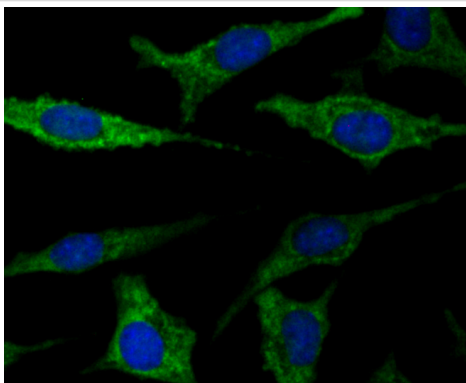
Immunohistochemical analysis of paraffin-embedded human small intestine tissue using anti-TTC11 antibody. Counter stained with hematoxylin.



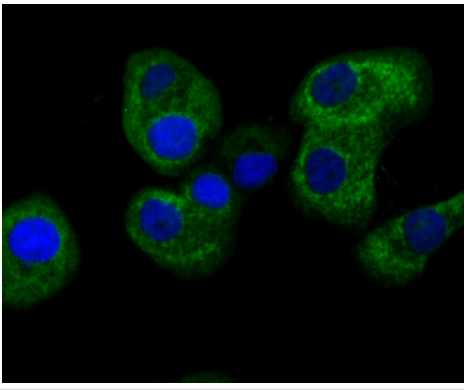
Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-TTC11 antibody. Counter stained with hematoxylin.



ICC staining TTC11 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TTC11 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TTC11 in SK-Br-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Fis1 localizes to the outer mitochondrial membrane and, along with dynamin-related protein (Drp1), participates in mitochondrial fission. Fission and fusion mechanisms regulate mitochondrial morphology within the cell. Fission frequency is determined by the level of Fis1 molecules at the mitochondrial surface. Fis1 contains a C-terminal domain, which is required for mitochondrial localization, and an N-terminal domain, which is necessary for mitochondrial fission. Fragmentation of the mitochondrial network by Fis1 leads to cytochrome c release and apoptosis. The mitochondrial fission mechanisms may be involved in positively and negatively regulating apoptosis.

References

Note: This product is for in vitro research use only