Rabbit anti-Human TTC11 Monoclonal Antibody | anti-TTC11 antibody

TTC11 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30528	**Rabbit**	**Human**	**Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry**

PRODUCT SYNONYMS

TTC11; Monoclonal Antibody; TTC11 Antibody; 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; anti-TTC11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JE40-90
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-TTC11 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200
Antibody Type	Recombinant Antibody
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

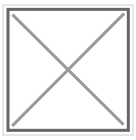
IMAGES

ICC (Immunocytochemistry)
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.

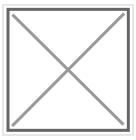
ICC (Immunocytochemistry)
ICC staining TTC11 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ICC (Immunocytochemistry)
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.

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



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-TTC11 antibody	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.
Product Categories/Family for anti-TTC11 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	151108473
NCBI GeneID	51024
NCBI Accession #	NP_057152.2
NCBI GenBank Nucleotide #	NM_016068.2
UniProt Accession #	Q9Y3D6; Q9BTP3
NCBI Official Full Name	mitochondrial fission 1 protein
NCBI Official Synonym Full Names	fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae)
NCBI Official Symbol	FIS1
NCBI Official Synonym Symbols	TTC11; CGI-135
NCBI Protein Information	mitochondrial fission 1 protein; FIS1 homolog; H_NH0132A01.6; TPR repeat protein 11; hFis1; tetratricopeptide repeat domain 11; tetratricopeptide repeat protein 11
UniProt Protein Name	Mitochondrial fission 1 protein
UniProt Gene Name	**FIS1**
UniProt Synonym Gene Names	TTC11; hFis1; TPR repeat protein 11
UniProt Entry Name	FIS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/ttc11-antibody-clone-je40-90-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/30528