

FIS1 recombinant antibody

FIS1 Recombinant Monoclonal Antibody

CATALOG # AAA278975	HOST HEK293F Cell	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

FIS1; Monoclonal Recombinant Antibody; FIS1 Recombinant Monoclonal Antibody; Mitochondrial fission 1 protein (FIS1 homolog)(hFis1)(Tetratricopeptide repeat protein 11)(TPR repeat protein 11); TTC11; FIS1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	27B4
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for FIS1 recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human FIS1
Conjugation	Non-conjugated
Research Area	Cancer; Cell biology; Metabolism
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemisry)

IHC image of AAA278975 diluted at 1:100 and staining in paraffin-embedded human ovarian cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohiostchemistry)

IHC image of AAA278975 diluted at 1:100 and staining in paraffin-embedded human heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: HepG2 whole cell lysate, PC3 whole cell lysate, MCF-7 whole cell lysate, Hela whole cell lysate, U251 whole cell lysate, A549 whole cell lysateAll lanes: FIS1 antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 17 kDaObserved band size: 17-22 kDa

ADDITIONAL INFORMATION

Related Product Information for FIS1 recombinant antibody	Involved in the fragmentation of the mitochondrial network and its perinuclear clustering. Plays a minor role in the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface and mitochondrial fission. Can induce cytochrome c release from the mitochondrion to the cytosol, ultimately leading to apoptosis. Also mediates peroxisomal fission. {ECO:0000269 PubMed:12783892, ECO:0000269 PubMed:12861026, ECO:0000269 PubMed:14996942, ECO:0000269 PubMed:16107562, ECO:0000269 PubMed:16118244, ECO:0000269 PubMed:23283981, ECO:0000269 PubMed:23530241}.
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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/fis1-recombinant-antibody-clone-27b4-immunohistochemistry-western-blot-elisa/278975>