

Rabbit anti-Human, Mouse FIS1 Polyclonal Antibody | anti-FIS1 antibody

FIS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232484	Rabbit	Human, Mouse	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

FIS1; Polyclonal Antibody; FIS1 Antibody; Mitochondrial fission 1 protein; FIS1 homolog; hFis1; Tetratricopeptide repeat protein 11; TPR repeat protein 11; TTC11; CGI-135; anti-FIS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	152
Applicable Applications for anti-FIS1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Mitochondrial fission 1 protein (1-122AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-48865 / sc-98900
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitating FIS1 in MCF-7 whole cell lysate Lane 1: Rabbit monoclonal IgG(1ug) instead of AAA232484 in MCF-7 whole cell lysate. For western blotting, a HRP-conjugated light chain specific antibody was used as the Secondary antibody (1/50000) Lane 2: AAA232484(4ug)+ MCF-7 whole cell lysate(500ug) Lane 3: MCF-7 whole cell lysate (20ug)



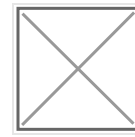
IHC (Immunohistochemistry)

Immunofluorescent analysis of Hela cells using AAA232484 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

IHC image of AAA232484 diluted at 1:600 and staining in paraffin-embedded human kidney 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in:SH-SY5Y whole cell lysate,Mouse brain tissue,Mouse heart tissueAll lanes: FIS1 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 17 kDaObserved band size: 17 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-FIS1 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.

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
Molecular Weight	16,938 Da
NCBI Official Full Name	mitochondrial fission 1 protein
NCBI Official Synonym Full Names	fission, mitochondrial 1
NCBI Official Symbol	FIS1
NCBI Official Synonym Symbols	TTC11; CGI-135
NCBI Protein Information	mitochondrial fission 1 protein
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/polyclonal/fis1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/232484>