

Rabbit FIS1 Polyclonal Antibody | anti-FIS1 antibody

FIS1 Antibody (N-term)

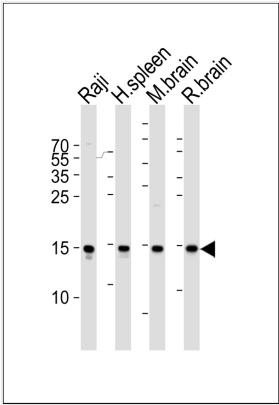
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287742	Rabbit	Human, mouse, rat	ELISA, Western Blot

PRODUCT SYNONYMS

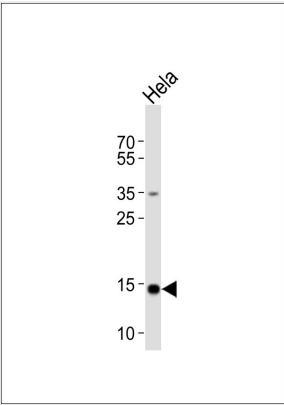
FIS1; Polyclonal Antibody; FIS1 Antibody (N-term); Mitochondrial fission 1 protein; FIS1 homolog; hFis1; Tetratricopeptide repeat protein 11; TPR repeat protein 11; TTC11; anti-FIS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FIS1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 6-40 amino acids from the N-terminal region of human FIS1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	152
Applicable Applications for anti-FIS1 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of lysates from Raji cell line, human spleen, mouse brain and rat brain tissue lysate (from left to right), using FIS1 Antibody (N-term). AAA287742 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



WB (Western Blot)
Western blot analysis of lysate from HeLa cell line, using FIS1 Antibody (N-term). AAA287742 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

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.
Product Categories/Family for anti-FIS1 antibody	Crown Antibodies; Cell Biology; Metabolism
References	Lai C.-H.,et al.Genome Res. 10:703-713(2000). Hillier L.W.,et al.Nature 424:157-164(2003). Bienvenut W.V.,et al.Submitted (JUN-2005) to UniProtKB. James D.I.,et al.J. Biol. Chem. 278:36373-36379(2003). Yoon Y.,et al.Mol. Cell. Biol. 23:5409-5420(2003).

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	16938
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://www.aaabiotech.com/polyclonal/fis1-antibody-western-blot-elisa/287742>