

**Product Name: Mitochondrial Fission 1 Protein Rabbit
Monoclonal Antibody
Catalog #: AMRe02726**

Summary

Production Name	Mitochondrial Fission 1 Protein Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	FIS1
Alternative Names	CGI135; FIS1; hFis1; TTC 11
Gene ID	51024
SwissProt ID	Q9Y3D6

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Molecular Weight	Calculated MW: 17 kDa; Observed MW: 17 kDa

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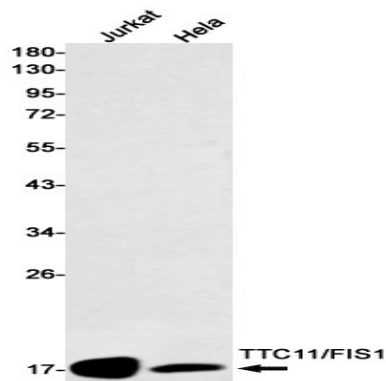
Background

Promotes the fragmentation of the mitochondrial network and its perinuclear clustering. Can induce cytochrome c release from the mitochondrion to the cytosol, ultimately leading to apoptosis. Also mediates peroxisomal fission.

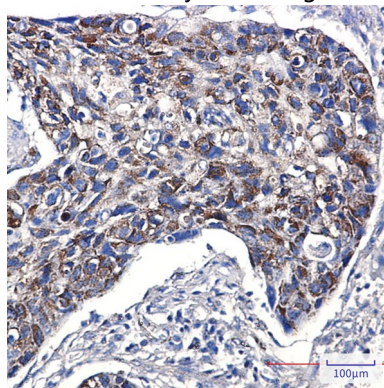
Research Area

Cell Biology

Image Data

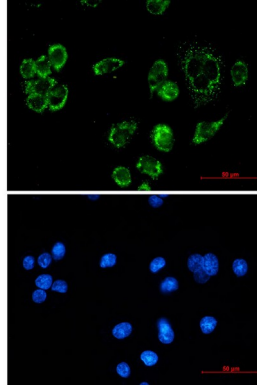


Western blot analysis of TTC11/FIS1 in Jurkat, HeLa lysates using Mitochondrial Fission 1 Protein antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using TTC11 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunocytochemistry analysis of TTC11/FIS1 (green) in MCF-7 using TTC11/FIS1 antibody, and DAPI (blue)

Note

For research use only.