

FIS1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 152 of TTC11 (Uniprot ID#Q9Y3D6)
Form	Liquid
Concentration	1.2 mg/mL
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% Proclin 300
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_11152577

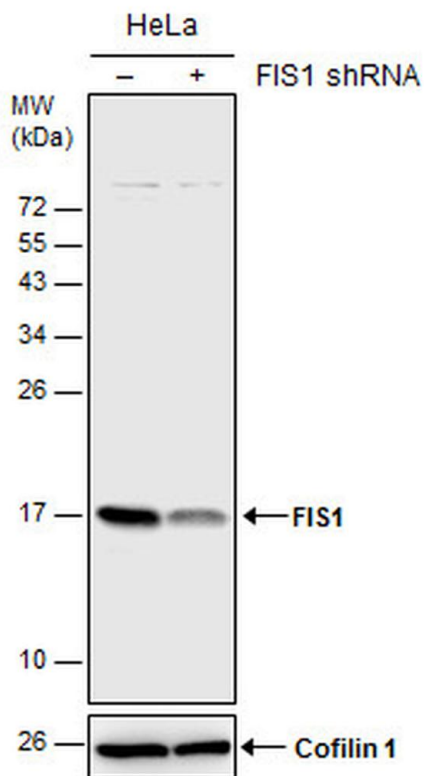
Applications	Tested	Dilution	Published
Western Blot (WB)	✓	1:1000-1:10,000	1 Publication
Immunocytochemistry (ICC)	✓	1:100-1:1000	
Immunofluorescence (IF)	✓	1:100-1:1000	
Immunohistochemistry (Paraffin) (IHC (P))	✓	1:100-1:1000	

Product Specific Information

PA5-22142 targets FIS1 in ICC, IF, IHC (P), and WB applications and shows reactivity with Human, rat, and mouse samples.

The PA5-22142 immunogen is recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 152 (Q9Y3D6) of TTC11.

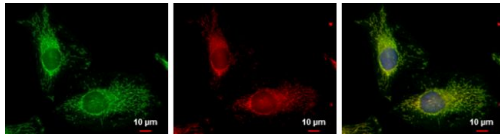
Advanced Verification Data



FIS1 Antibody (PA5-22142)

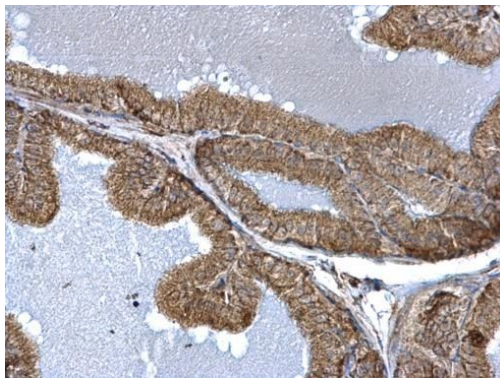
Antibody specificity was demonstrated by shRNA mediated knockdown of the target protein. HeLa cells were transfected with FIS1 shRNA and decrease in signal intensity was observed in Western blot application using FIS1 Polyclonal Antibody (Product # PA5-22142). KnockDown validation info.

Product Images For FIS1 Polyclonal Antibody



FIS1 Antibody (PA5-22142) in IF

Immunofluorescent analysis of FIS1 showing staining in the mitochondria of HeLa cells. HeLa cells were fixed in 2% paraformaldehyde/culture medium at 37°C for 30 min and stained using a FIS1 polyclonal antibody (Product # PA5-22142) diluted at 1:2000. Red: MitoTrackerR Red CMXRos, a mitochondria tracker. Blue: Hoechst 33342 staining. Scale bar = 10 μm.



FIS1 Antibody (PA5-22142) in IHC (P)

Immunohistochemical analysis of FIS1 in the mitochondria of paraffin-embedded mouse prostate tissue using a FIS1 polyclonal antibody (Product # PA5-22142) at a dilution of 1:500.

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Western Blot (1)

Journal of cell science

Ubiquitin-mediated regulation of the E3 ligase GP78 by MGRN1 in trans affects mitochondrial homeostasis.

"PA5-22142 was used in western blot to determine how mitochondrial homeostasis is affected by ubiquitin-mediated regulation of E3 ligase GP78 by MGRN1 in trans"

Authors: Mukherjee R,Chakrabarti O

Species
Human

Dilution
1:1000

Year
2016

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