

# FUS Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human FUS
Form	Liquid
Concentration	0.21 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2641781

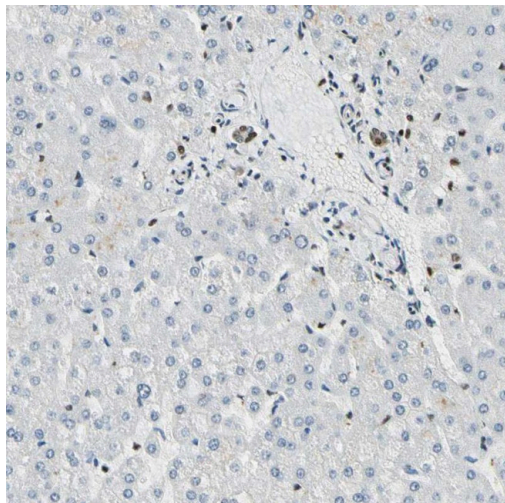
Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	2 Publications
Immunohistochemistry (IHC)	1:1,000-1:2,500	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-
Immunoprecipitation (IP)	1:25	2 Publications

## Product Specific Information

Immunogen sequence: SSQSSYGQQS SYPGYGQQPA PSSTSGSYGS SSQSSSYGQP QSGSYSQQPS YGGQQQSYGQ QQSYNPPQGY GQQNQYNSSS GGGGGGGGGG NYGQDQSSMS SGGGSGGGYG NQDQSGGGGS GGYGQQDR

Highest antigen sequence identity to the following orthologs: Mouse - 91%, Rat - 91%.

## Product Images For FUS Polyclonal Antibody

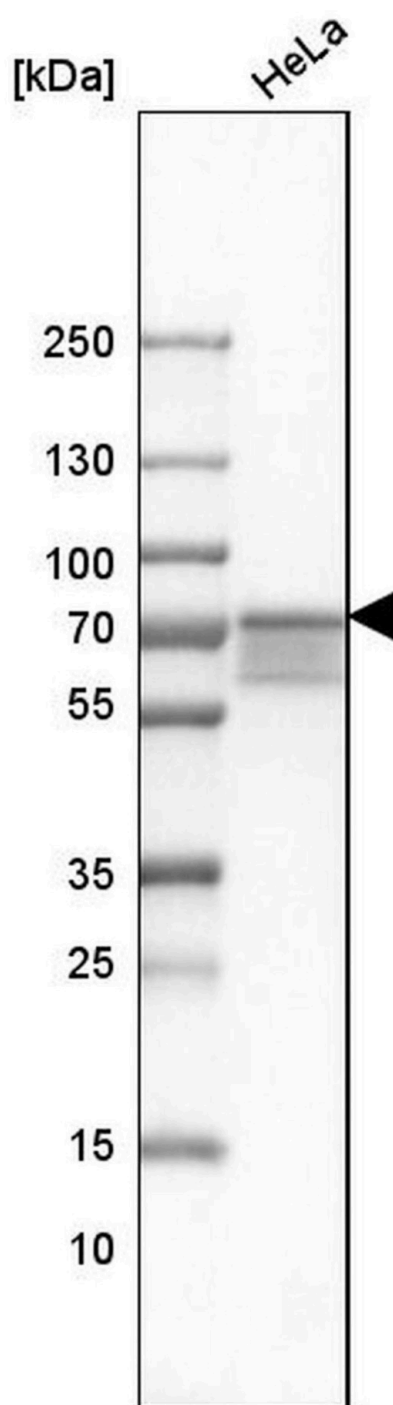


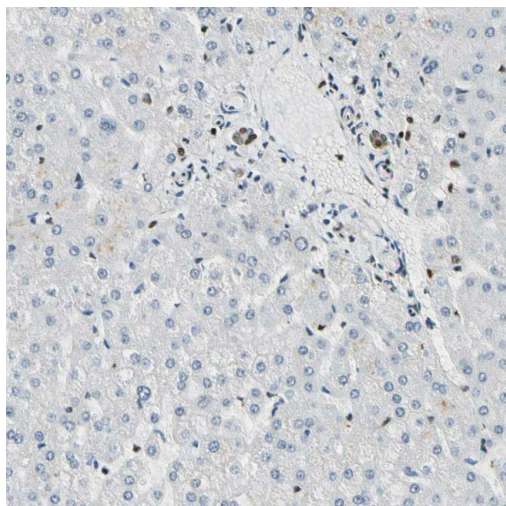
### FUS Antibody (PA5-52610) in IHC

Immunohistochemical staining of FUS in human liver using a FUS Polyclonal Antibody (Product # PA5-52610) shows moderate nuclear positivity in bile duct cells while hepatocytes are negative.

### FUS Antibody (PA5-52610)

Antibody specificity was demonstrated by siRNA mediated knockdown of the target protein. U-251MG cells were transfected with FUS siRNA and decrease in signal intensity was observed in western blot application using FUS Polyclonal Antibody (Product # PA5-52610). {KD}





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Western Blot (2)

<p>International journal of molecular sciences</p> <p><b>Novel Insights into circRNA Saga Coming from Spermatozoa and Epididymis of HFD Mice.</b></p> <p>"Published figure using FUS polyclonal antibody (Product # PA5-52610) in Immunoprecipitation"</p> <p>Authors: Manfrevola F,Chioccarelli T,Mele VG,Porreca V,Mattia M,Cimini D,D'Agostino A,Cobellis G,Fasano S,Schiraldi C,Chianese R,Pierantoni R</p>	<p>Year 2023</p>
<p>Cellular and molecular life sciences : CMLS</p> <p><b>FUS driven circCNOT6L biogenesis in mouse and human spermatozoa supports zygote development.</b></p> <p>"Published figure using FUS polyclonal antibody (Product # PA5-52610) in Immunoprecipitation"</p> <p>Authors: Chioccarelli T,Falco G,Cappetta D,De Angelis A,Roberto L,Addeo M,Ragusa M,Barbagallo D,Berrino L, Purrello M,Ambrosino C,Cobellis G,Pierantoni R,Chianese R,Manfrevola F</p>	<p>Year 2021</p>

Immunoprecipitation (2)

<p>International journal of molecular sciences</p> <p><b>Novel Insights into circRNA Saga Coming from Spermatozoa and Epididymis of HFD Mice.</b></p> <p>"Published figure using FUS polyclonal antibody (Product # PA5-52610) in Immunoprecipitation"</p> <p>Authors: Manfrevola F,Chioccarelli T,Mele VG,Porreca V,Mattia M,Cimini D,D'Agostino A,Cobellis G,Fasano S,Schiraldi C,Chianese R,Pierantoni R</p>	<p>Year 2023</p>
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