

DDX5 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	synthetic peptide PMIGYPMPTGYSQ.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	TBS, pH 7.3, with 0.5% BSA
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_2230422

Applications	Tested Dilution	Publications
Western Blot (WB)	0.3-1 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	-
Immunocytochemistry (ICC/IF)	1:100	-
RNA Immunoprecipitation (RIP)	2.5 µg/10 ⁶ cells	-

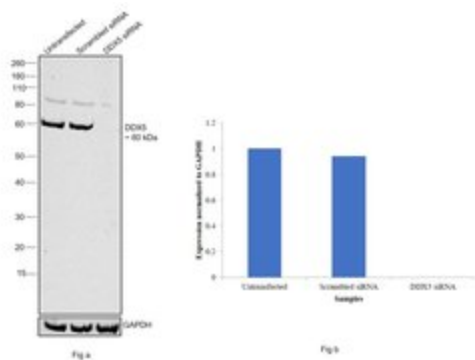
Product Specific Information

Recommended positive controls: The peptide used to generate this antibody is available for purchase (GTX10261-PEP)..

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

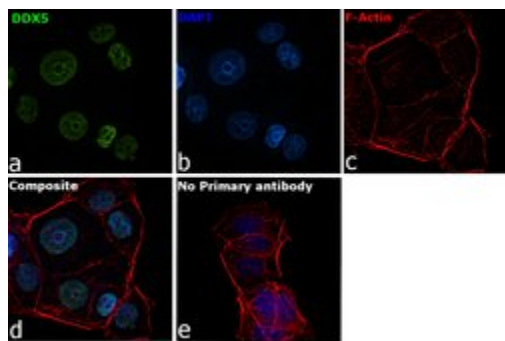
DDX5 Antibody (PA1-31019)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with DDX5 siRNA and decrease in signal intensity was observed in western blot application using DDX5 Polyclonal Antibody (Product # PA1-31019). Knockdown validation info.



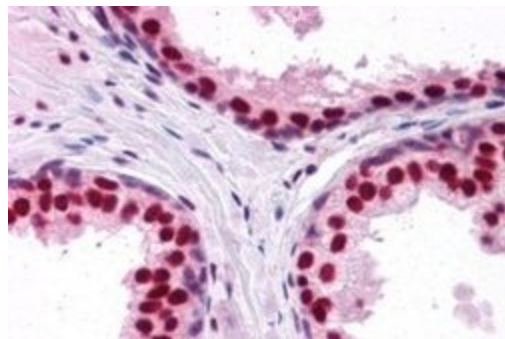
Product Images For DDX5 Polyclonal Antibody

DDX5 Antibody (PA1-31019) in ICC/IF



Immunofluorescence analysis of DDX5 was performed using 70% confluent log phase MCF7 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with DDX5 Polyclonal Antibody (Product # PA1-31019) at 1:100 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Rabbit anti-Goat IgG (H+L) Recombinant Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A-11078) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing localization to the nucleus. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

DDX5 Antibody (PA1-31019) in IHC (P)



Immunohistochemistry (Paraffin) analysis of DDX5 in human prostate tissue using DDX5 Polyclonal Antibody (Product # PA1-31019) at a dilution of 2.5 µg/mL. Antigen retrieval : citrate buffer pH 6.

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