

# hnRNP D Polyclonal Antibody

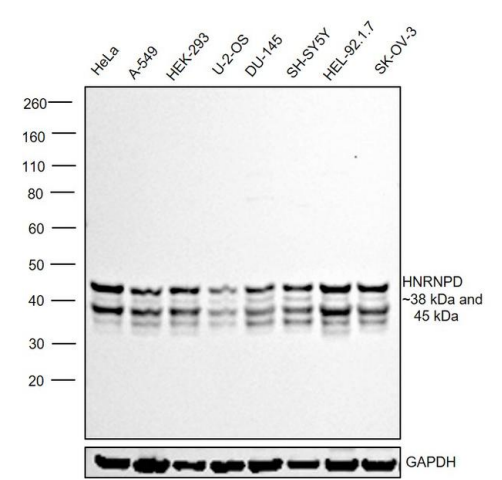
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant full length Human hnRNP D.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 50% 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_2720753

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-

## Product Specific Information

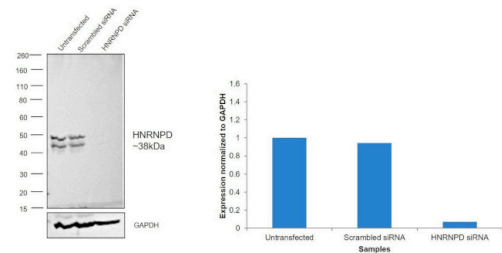
The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Product Images For hnRNP D Polyclonal Antibody



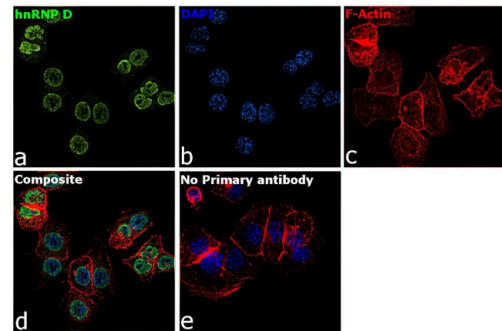
hnRNP D Antibody (PA5-77026) in WB

Western blot was performed using Anti-hnRNP D Polyclonal Antibody(Product # PA5-77026) and a 38-45 kDa band corresponding to different isoforms of hnRNP D was observed across cell lines. Whole cell extracts (30 µg µg lysate) of HeLa (Lane 1), A549 (Lane 2), HEK-293 (Lane 3), U-2 OS (Lane 4), DU 145 (Lane 5), SH-SY5Y (Lane 6), HEL 92.1.7 (Lane 7) and SK-O-V3 (Lane 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # LC2002) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1,000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036,1: 4,000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



hnRNP D Antibody (PA5-77026)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. U-2 OS cells were transfected with hnRNP D siRNA and decrease in signal intensity was observed in Western Blot application using Anti-hnRNP D Polyclonal Antibody (Product # PA5-77026). {KD}



hnRNP D Antibody (PA5-77026) in ICC/IF

Immunofluorescence analysis of hnRNP D was performed using 70% confluent log phase U-2 OS 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 45 minutes at room temperature. The cells were labeled with hnRNP D Polyclonal Antibody (Product # PA5-77026) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1:2000), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing Nucleus localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

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