

PABP Polyclonal Antibody

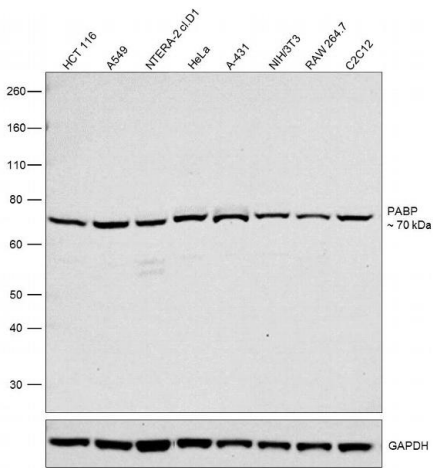
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to amino acids at the amino-terminus of human PABP1
Form	Liquid
Concentration	74 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10980572

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100	-
Immunocytochemistry (ICC/IF)	1:250	-
RNA Immunoprecipitation (RIP)	2.5 µg/10 ⁶ cells	-

Product Specific Information

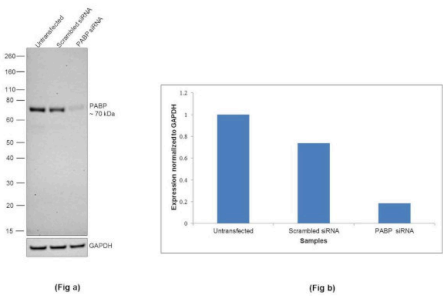
It is not recommended to aliquot this antibody.

Product Images For PABP Polyclonal Antibody



PABP Antibody (PA5-17599) in WB

Western blot was performed using PABP Polyclonal Antibody (Product # PA5-17599) and a 70 kDa band corresponding to PABP was observed across cell lines tested. Whole cell extracts (30 µg lysate) of HCT 116 (Lane 1), A549 (Lane 2), NTERA-2 cl.D1 (Lane 3), HeLa (Lane 4), A-431 (Lane 5), NIH/3T3 (Lane 6), RAW 264.7 (Lane 7) and C2C12 (Lane 8) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence using Goat Anti-Rabbit IgG Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

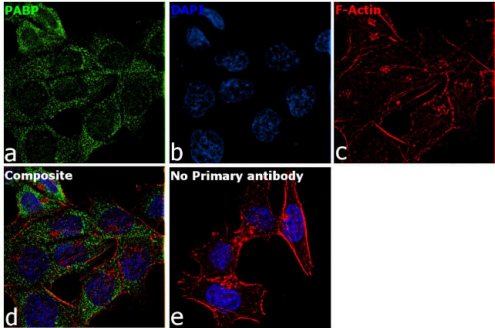


PABP Antibody (PA5-17599)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with PABP siRNA and reduction of signal was observed in Western Blot using PABP Polyclonal Antibody. (Product # PA5-17599). {KD}

PABP Antibody (PA5-17599) in ICC/IF

Immunofluorescence analysis of PABP was performed using 70% confluent log phase HCT 116 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with PABP Rabbit Polyclonal Antibody (Product # PA5-17599) at 1:250 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 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). Panel d represents the merged image showing cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



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