DPF2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 261 of Human DPF2
Form	Liquid
Concentration	0.67 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2545127

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-

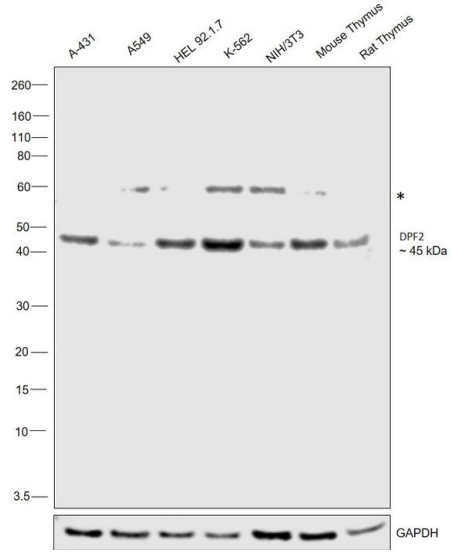
Product Specific Information

Recommended positive controls: DPF2 tansfected 293T cell.

Predicted reactivity: Mouse (98%), Rat (99%), Xenopus laevis (84%), Chicken (90%), Chimpanzee (100%), Bovine (99%).

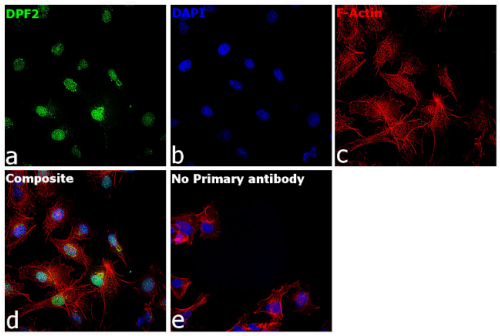
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For DPF2 Polyclonal Antibody



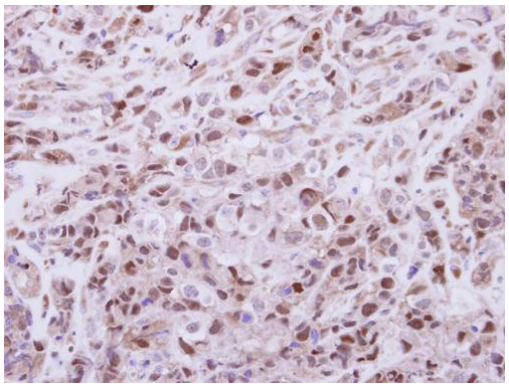
DPF2 Antibody (PA5-27651) in WB

Western blot was performed using Anti-DPF2 Polyclonal Antibody (Product # PA5-27651) and a 45 kDa band corresponding to Zinc finger protein ubi-d4 was observed along with uncharacterized bands (*) across cell lines and tissues tested. Nuclear enriched extracts (30 µg lysate) of A-431 (Lane 1), A549 (Lane 2), HEL 92.1.7 (Lane 3), K-562 (Lane 4) and NIH/3T3 (Lane 5). Tissue extracts of Mouse Thymus (Lane 6) and Rat Thymus (Lane 7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). 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 with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (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).



DPF2 Antibody (PA5-27651) in ICC/IF

Immunofluorescence analysis of Zinc finger protein ubi-d4 was performed using 70% confluent log phase Hep G2 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 DPF2 Polyclonal Antibody (Product # PA5-27651) at 5 µg /mL 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 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with Hoechst 33342 (Product # H1399). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300 dilution). Panel d represents the merged image showing Nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 40X magnification in CellInsight CX7 LZR High-Content Screening (HCS) Platform (Product # CX7A1110LZR) and externally deconvoluted (D.Sage et al. / Methods 115 (2017) 28–41).



DPF2 Antibody (PA5-27651) in IHC (P)

Immunohistochemical analysis of paraffin-embedded H661 xenograft, using DPF2 (Product # PA5-27651) antibody at 1:250 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.

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