

USP9X Polyclonal Antibody

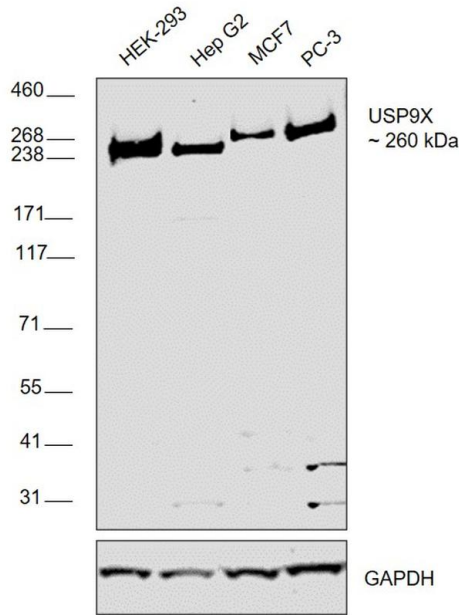
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Genomic peptide made to an internal region of the human Usp9X protein (within residues 1150-1300).
Form	Liquid
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 0.1% BSA, 30% glycerol
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_11156993

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50	-
Immunocytochemistry (ICC/IF)	1:25-1:200	-

Product Specific Information

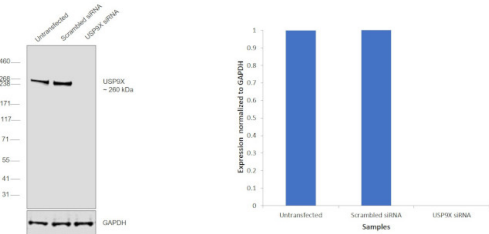
The target sequence has 95% sequence homology with rat and 80% sequence homology with zebrafish.

Product Images For USP9X Polyclonal Antibody



USP9X Antibody (PA5-23035) in WB

Western Blot was performed using Anti-USP9X Polyclonal Antibody (Product # PA5-23035) and a 260 kDa band corresponding to Probable ubiquitin carboxyl-terminal hydrolase FAF-X was observed across across the cell lines tested. Whole cell extracts (30 µg lysate) of HEK-293 (Lane 1), Hep G2 (Lane 2), MCF7 (Lane 3), PC-3 (Lane 4) were electrophoresed using NuPAGE™ 3-8% Tris-Acetate Protein Gel (Product # EA0378BOX). 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, 1:10,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

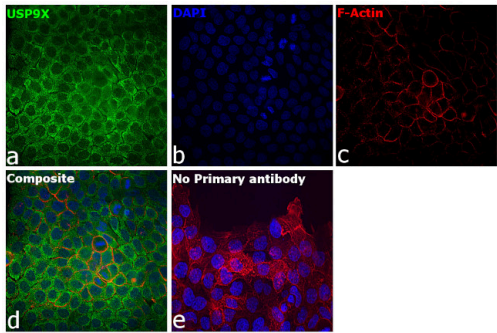


USP9X Antibody (PA5-23035)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HEK-293 cells were transfected with Probable ubiquitin carboxyl-terminal hydrolase FAF-X siRNA and decrease in signal intensity was observed in Western Blot application using Anti-USP9X Polyclonal Antibody (Product # PA5-23035). {KD}

USP9X Antibody (PA5-23035) in ICC/IF

Immunofluorescence analysis of Probable ubiquitin carboxyl-terminal hydrolase FAF-X was performed using 70% confluent log phase A-431 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 USP9X Polyclonal Antibody (Product # PA5-23035) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034), (1:2000 dilution), 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 cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 40X magnification.



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