

# DCPS Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 1 and 149 of Human DCPS
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 1% BSA, 20% 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_2548040

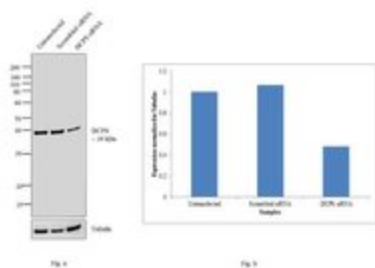
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000	-

## Product Specific Information

Recommended positive controls: A549, HeLa, HepG2.

Predicted reactivity: Human (99%), Mouse (87%), Rat (85%), Pig (87%), Bovine (87%).

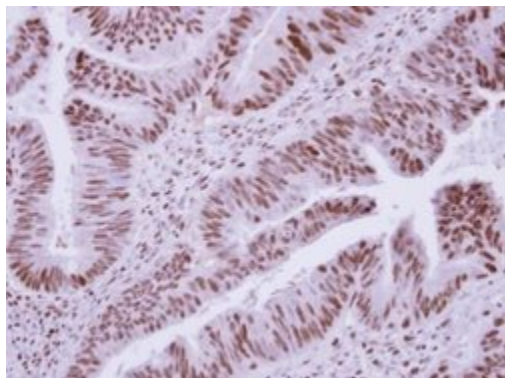
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.



### DCPS Antibody (PA5-30566)

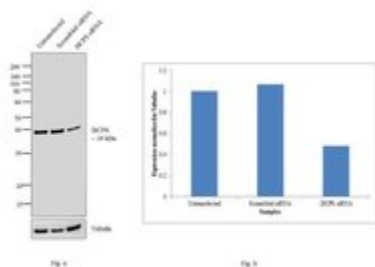
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. Hep G2 cells were transfected with DCPS siRNA and reduction of signal was observed in Western Blot using DCPS Polyclonal Antibody (Product # PA5-30566). Knockdown validation info.

## Product Images For DCPS Polyclonal Antibody



### DCPS Antibody (PA5-30566) in IHC (P)

Immunohistochemical analysis of DCPS in paraffin-embedded colon carcinoma using a DCPS polyclonal antibody (Product # PA5-30566) at a dilution of 1:250.



### DCPS Antibody (PA5-30566) in WB

Knockdown of DCPS was achieved by transfecting Hep G2 cells with DCPS specific siRNAs (Silencer® select Product # s26301, s26302). Western blot analysis (Fig. a) was performed using whole cell extracts from the DCPS knockdown cells (lane 3), non-specific scrambled siRNA transfected cells (lane 2) and untransfected cells (lane 1). The blot was probed with DCPS Polyclonal Antibody (Product # PA5-30566, 1:500 dilution) and Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25µg/ml, 1:4000 dilution). Densitometric analysis of this western blot is shown in histogram (Fig. b). Decrease in signal upon siRNA mediated knock down confirms that antibody is specific to DCPS.

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