

Carbonic Anhydrase II Polyclonal Antibody

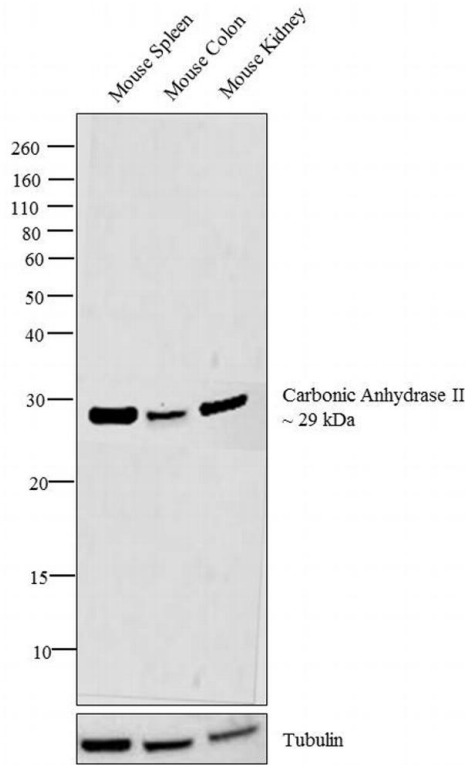
Product Details	
Size	400 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	KLH conjugated synthetic peptide between 54-83 amino acids from the N-terminal region of human CA2
Form	Liquid
Purification	Ammonium sulfate precipitation, Size-exclusion - Dialysis
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2543443

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	1:10-1:50	-

Product Images For Carbonic Anhydrase II Polyclonal Antibody

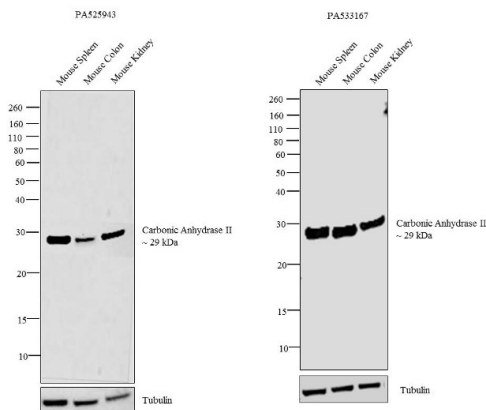
Carbonic Anhydrase II Antibody (PA5-25943) in WB

Western blot analysis was performed on tissue extracts (30 µg lysate) of Mouse Spleen (Lane 1), Mouse Colon (Lane 2) and Mouse Kidney (Lane 3). The blot was probed with Anti-Carbonic Anhydrase II Polyclonal Antibody (Product # PA5-25943, 1:1,000 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4,000 dilution). A 29 kDa band corresponding to Carbonic Anhydrase II was detected across tissues tested.



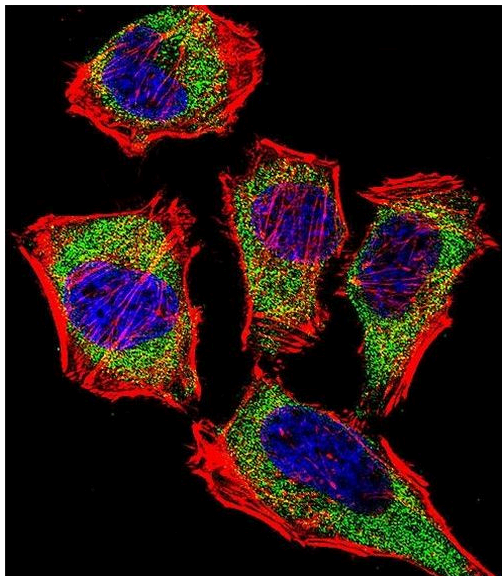
Carbonic Anhydrase II Antibody (PA5-25943)

Antibody specificity was demonstrated by showing that antibodies raised against the same target protein perform similarly. Western blot of Carbonic Anhydrase II using anti-Carbonic Anhydrase II Polyclonal Antibody (Product # PA5-25943) along with another Carbonic Anhydrase II Polyclonal Antibody (Product # PA5-33167) shows similar expression of Carbonic Anhydrase II. {IAV}



Carbonic Anhydrase II Antibody (PA5-25943) in ICC/IF

Immunofluorescent analysis of HeLa cells using a CA2 polyclonal antibody (Product # PA5-25943). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with a CA2 polyclonal antibody (Product # PA5-25943) (1:25, 1 hr at 37°C). Primary antibody was detected with fluor-conjugated donkey anti-rabbit secondary antibody (green) at 1:400 dilution for 50 min at 37°C). Actin filaments have been labeled with dye-conjugated phalloidin (red). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min).



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