

Carbonic Anhydrase II Polyclonal Antibody

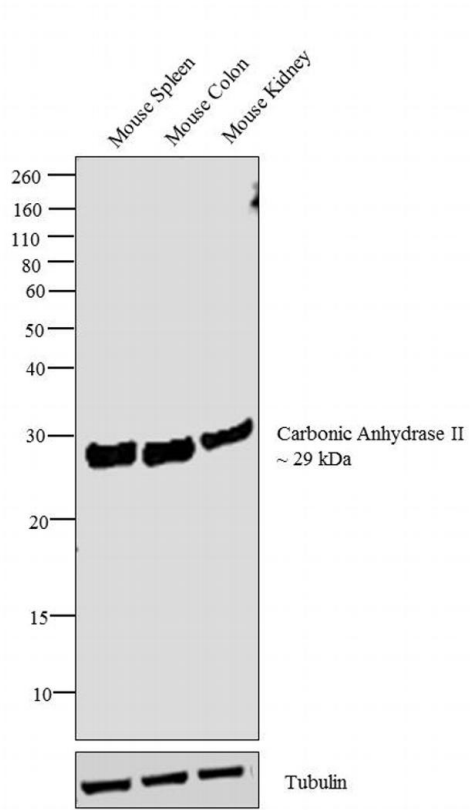
Product Details	
Size	1 mL
Species Reactivity	Human, Mouse
Host/Isotype	Sheep / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Purified human carbonic anhydrase II (CAII) prepared from erythrocytes.
Form	Liquid
Purification	Ion-exchange chromatography
Storage buffer	glycine buffered saline with 0.01% benzamidine, 0.1% EACA, 1mM EDTA
Contains	<0.1% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2550596

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	Assay-dependent	-
Immunodiffusion (IDF)	Assay-dependent	-

Product Specific Information

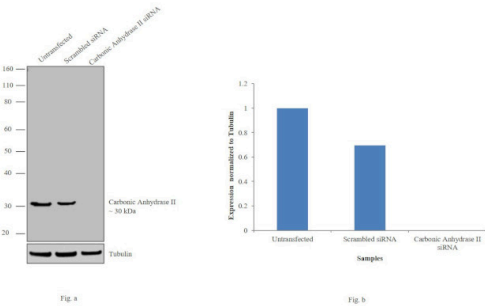
In Western blot, this antibody detects a band of ~18 kDa in rat adrenomedullary chromaffin cell lysate.

Product Images For Carbonic Anhydrase II Polyclonal Antibody



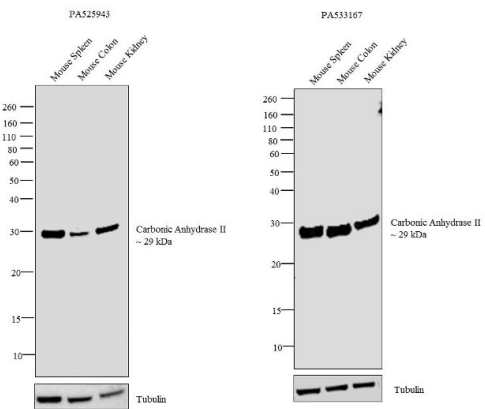
Carbonic Anhydrase II Antibody (PA5-33167) in WB

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 # PA5-33167, 1:1000 dilution) and detected by chemiluminescence using Rabbit anti-Sheep IgG (H+L) Secondary Antibody, HRP (Product # 61-8620, 0.25 µg/mL, 1:4000 dilution). A 29 kDa band corresponding to Carbonic Anhydrase II was detected across tissues tested.



Carbonic Anhydrase II Antibody (PA5-33167)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A-431 cells were transfected with Carbonic Anhydrase II siRNA and reduction of signal was observed in Western Blot using Carbonic Anhydrase II Polyclonal Antibody (Product # PA5-33167). {KD}



Carbonic Anhydrase II Antibody (PA5-33167)

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 # PA5-33167) along with another Carbonic Anhydrase II Polyclonal Antibody (Product # PA5-25943) shows similar expression of Carbonic Anhydrase II. {IAV}

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