

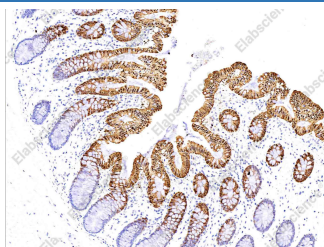
Recombinant Carbonic Anhydrase II/CA2 Monoclonal Antibody

catalog number: **AN300190P**

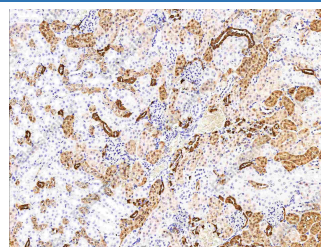
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Carbonic Anhydrase II / CA2 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C120129
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	
WB:	Recommended Dilution 1:1000-1:5000; IHC-P: 1:200-1:2000

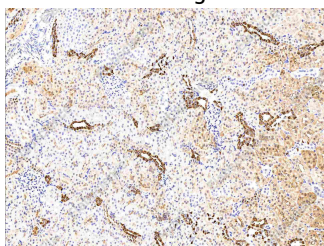
Data



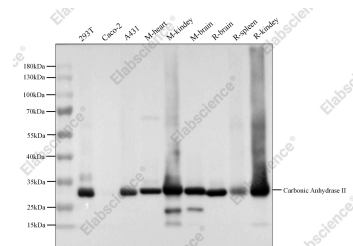
Immunohistochemical analysis of paraffin-embedded Human colon tissue sections using Carbonic Anhydrase II/CA2 Antibody (AN300190P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Mouse kidney tissue sections using Carbonic Anhydrase II/CA2 Antibody (AN300190P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Rat kidney tissue sections using Carbonic Anhydrase II/CA2 Antibody (AN300190P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of HEK293T, Caco-2, A431, Mouse heart, Mouse kidney, Mouse brain, Rat brain, Rat spleen and Rat kidney cell lysates using Carbonic Anhydrase II/CA2 Antibody (AN300190P) at a dilution of 1:1500.

Observed-MW:29 kDa
Calculated-MW:29 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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The protein encoded by this gene is one of several isozymes of carbonic anhydrase, which catalyzes reversible hydration of carbon dioxide. Defects in this enzyme are associated with osteopetrosis and renal tubular acidosis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2014]