

**Product Name: Carbonic Anhydrase 1 Rabbit
Monoclonal Antibody
Catalog #: AMRe01755**

Summary

Production Name	Carbonic Anhydrase 1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	CA1
Alternative Names	CA1; Carbonic anhydrase 1; Carbonate dehydratase I; Carbonic anhydrase B; CAB; Carbonic anhydrase I; CA-I
Gene ID	759
SwissProt ID	P00915

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100
Molecular Weight	Calculated MW: 29 kDa; Observed MW: 29 kDa

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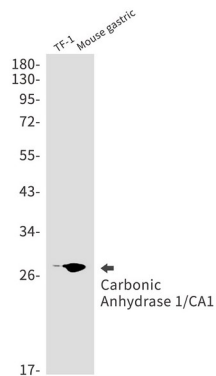
Background

Reversible hydration of carbon dioxide. Can hydrates cyanamide to urea.

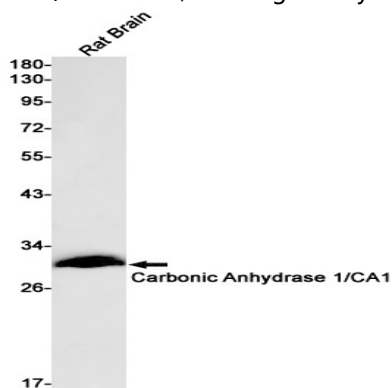
Research Area

Cardiovascular

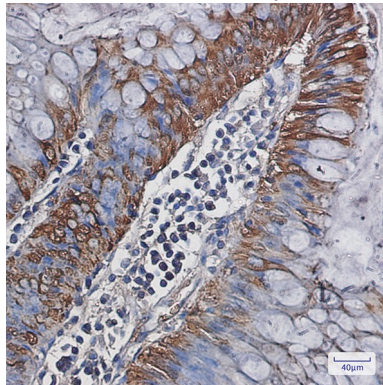
Image Data



Western blot analysis of Carbonic Anhydrase 1/CA1 in TF1, mouse gastric lysates using Carbonic Anhydrase 1 antibody.



Western blot analysis of Carbonic Anhydrase 1/CA1 in rat Brain lysates using Carbonic Anhydrase 1/CA1 antibody.





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Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Carbonic Anhydrase I antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.