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Carbonic Anhydrase 1 Rabbit mAb

Catalog # AP75187

Product Information

Application	WB, IHC-P, FC
Primary Accession	P00915
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	28870

Additional Information

Gene ID	759
Other Names	CA1
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:50-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

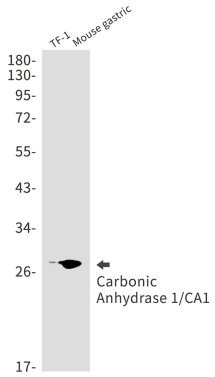
Protein Information

Name	CA1
Function	Catalyzes the reversible hydration of carbon dioxide (PubMed: 10550681, PubMed:16506782, PubMed:16686544, PubMed:16807956, PubMed:17127057, PubMed:17314045, PubMed:17407288, PubMed:19186056, PubMed:19206230, PubMed:4994926). Can hydrate cyanamide to urea (PubMed:10550681).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:B0BNN3}.

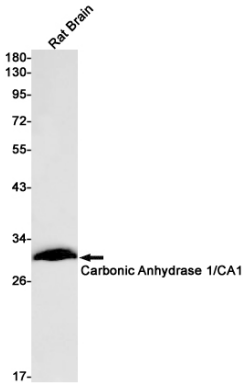
Background

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

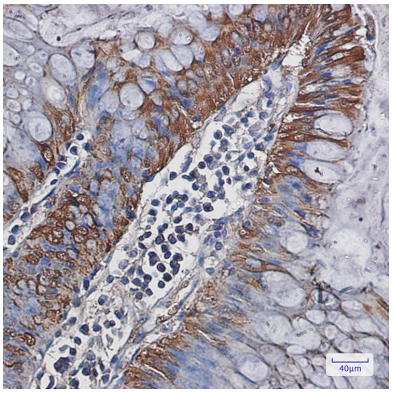
Images



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.



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.