

## Product datasheet for **TA383844**

### Carbonic Anhydrase I (CA1) Rabbit Monoclonal Antibody [Clone ID: R03-8F1]

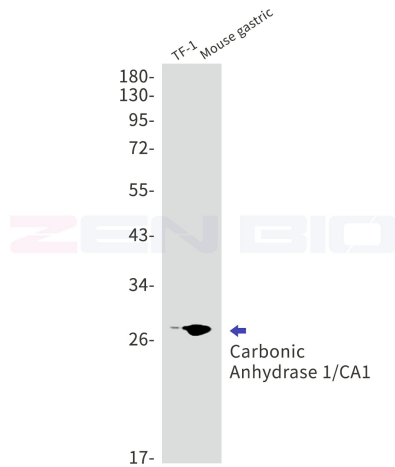
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	R03-8F1
Applications:	IHC, WB
Recommended Dilution:	WB: 1/2000-1/10000 IHC: 1/50
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human Carbonic Anhydrase I
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 29 kDa; Observed MW: 29 kDa
Gene Name:	carbonic anhydrase 1
Database Link:	<a href="#">Entrez Gene 759 Human P00915</a>
Background:	Swiss-Prot Acc.P00915.Reversible hydration of carbon dioxide. Can hydrates cyanamide to urea.
Synonyms:	CA-I; CAB; Car1

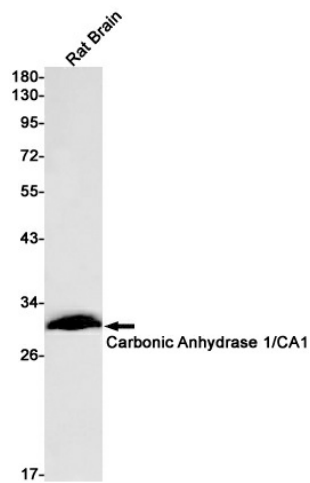


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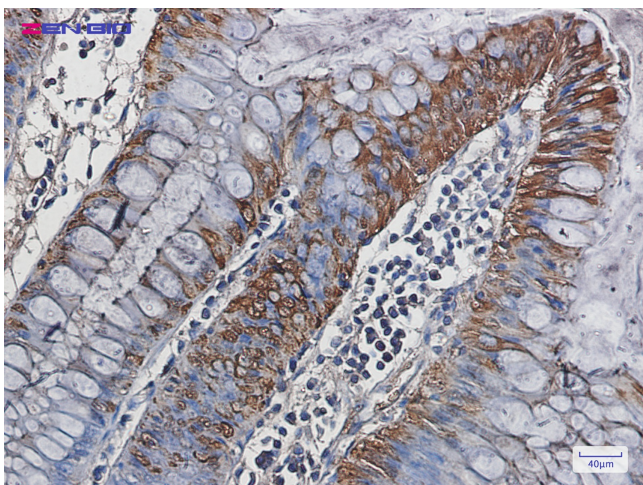
Product images:



Western blot detection of Carbonic Anhydrase 1/CA1 in TF-1, Mouse gastric lysates using Carbonic Anhydrase 1/CA1 antibody. Predicted band size: 29kDa. Observed band size: 29kDa.



Western blot detection of Carbonic Anhydrase 1/CA1 in Rat Brain lysates using Carbonic Anhydrase 1/CA1 Rabbit mAb (1:1000 diluted). Predicted band size: 29kDa. Observed band size: 29kDa.



Immunohistochemistry of Carbonic Anhydrase I in paraffin-embedded Human colon cancer tissue using Carbonic Anhydrase I Rabbit mAb at dilution 1/50