

## Product datasheet for **TA383844S**

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

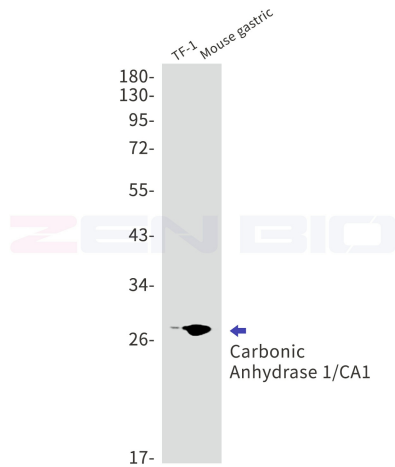
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | R03-8F1   |
| Applications:           | IHC, WB   |
| Recommended Dilution:   | WB: 1/2000-1/10000<br>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   |

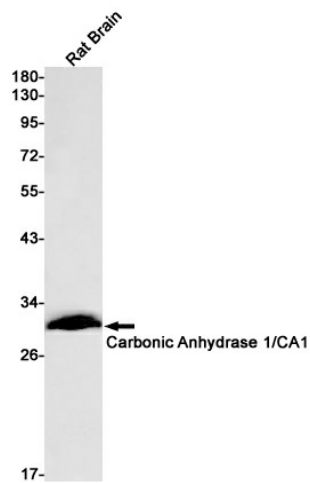


[View online »](#)

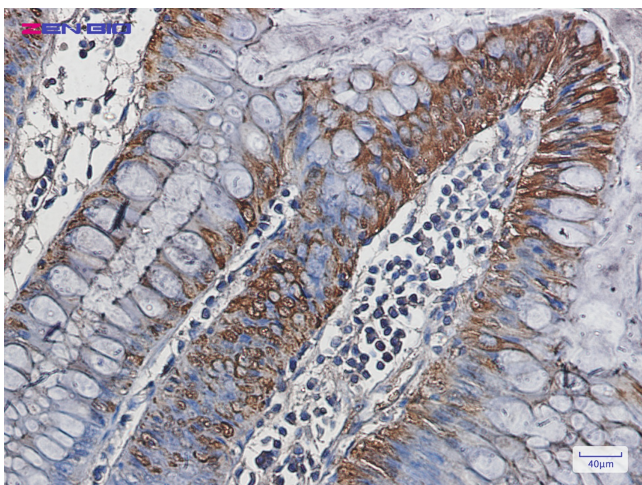
**Product images:**



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