

Product datasheet

Recombinant Human Carbonic Anhydrase 1/CA1 protein ab89359

[2 Images](#)

Description

Product name	Recombinant Human Carbonic Anhydrase 1/CA1 protein
Purity	> 95 % SDS-PAGE. ab89359 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab89359** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as Carbonic Anhydrase I

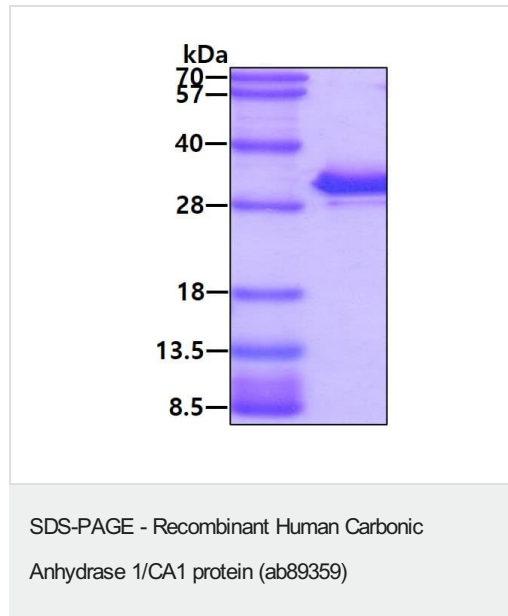
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)
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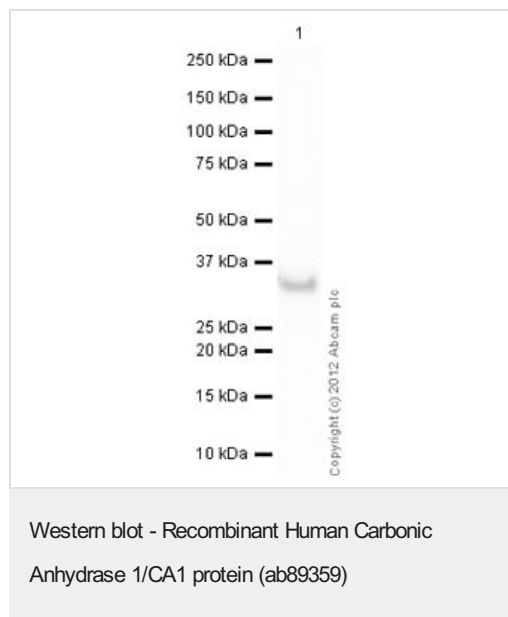
General Info

Function	Reversible hydration of carbon dioxide. Can hydrates cyanamide to urea.
Sequence similarities	Belongs to the alpha-carbonic anhydrase family.
Cellular localization	Cytoplasm.

Images



SDS-PAGE analysis of ab89359 (3 µg) under reducing conditions and visualized by coomassie blue stain.



Anti-Carbonic Anhydrase 1/CA1 antibody ([ab92649](#)) at 1/500 dilution + Recombinant Human Carbonic Anhydrase 1/CA1 protein (ab89359) at 0.01 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 20 seconds

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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