

Product datasheet

Recombinant Human Carbonic Anhydrase I protein ab89359

[2 Images](#)

Overview

Product name Recombinant Human Carbonic Anhydrase I protein
Protein length Full length protein

Description

Nature Recombinant
Source Escherichia coli

Amino Acid Sequence

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
Purity > 95 % SDS-PAGE.
 ab89359 is purified using conventional chromatography techniques.
Form Liquid

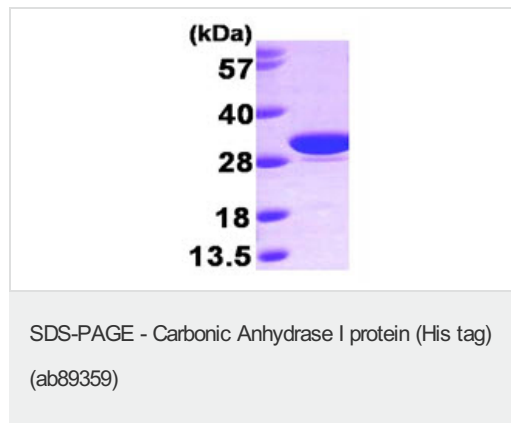
Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
 Preservative: None
 Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0

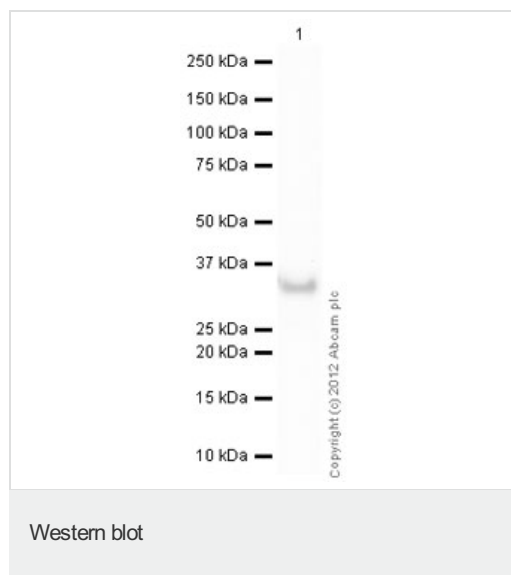
General Info

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

Images



15% SDS-PAGE showing ab89359 at approximately 31kDa (3µg).



Anti-Carbonic Anhydrase I antibody
([ab92649](#)) at 1/500 dilution + Recombinant
Human Carbonic Anhydrase I 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

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