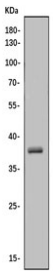
CA10 Antibody / Carbonic anhydrase X (RQ6242)

Catalog No.	Formulation	Size
RQ6242	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NS85
Applications	Western blot: 1-2ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This CA10 antibody is available for research use only.



Western blot testing of human HEK293 cell lysate with CA10 antibody. Predicted molecular weight ~38 kDa.

Description

Carbonic anhydrase-related protein 10 is an enzyme that in humans is encoded by the CA10 gene. This gene encodes a protein that belongs to the carbonic anhydrase family of zinc metalloenzymes, which catalyze the reversible hydration of carbon dioxide in various biological processes. The protein encoded by this gene is an acatalytic member of the alpha-carbonic anhydrase subgroup, and it is thought to play a role in the central nervous system, especially in brain development. Multiple transcript variants encoding the same protein have been found for this gene.

Application Notes

Optimal dilution of the CA10 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids M1-K328) was used as the immunogen for the CA10 antibody.

Storage

After reconstitution, the CA10 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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