

# Recombinant Human CA14

Catalog No: #GP10248



Package Size: #GP10248-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human CA14
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 26-290 amino acids of human carbonic anhydrase XIV
Target Name	Carbonic anhydrase XIV
Other Names	CAXIV
Accession No.	Swissprot:Q9ULX7Gene Accession:BC034412
Uniprot	Q9ULX7
GeneID	23632;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. CA XIV is predicted to be a type I membrane protein and shares highest sequence similarity with the other transmembrane CA isoform, CA XII; however, they have different patterns of tissue-specific expression and thus may play different physiologic roles.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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