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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CA9 (Human) Matched Antibody Pair

Catalog # : H00000768-AP21

規格 : [1 Set]

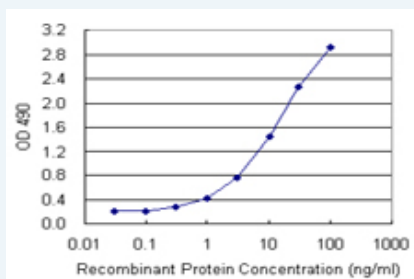
[List All](#)

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human CA9.

Reactivity: Human

Quality Control Testing: Standard curve using recombinant protein (H00000768-P01) as an analyte.



Sandwich ELISA detection sensitivity ranging from 0.3 ng/ml to 100 ng/ml.

Supplied Product: Antibody pair set content:
 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-CA9 (100 ug)
 2. Detection antibody: mouse purified polyclonal anti-CA9 (20 ug)
 *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [768](#)

Gene Name: CA9

Gene Alias: CAIX,MN

Gene Description: carbonic anhydrase IX

Omim ID: [603179](#)

Gene Ontology: [Hyperlink](#)

Application Image

ELISA Pair (Recombinant protein)

Gene Summary: 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 IX is a transmembrane protein and the only tumor-associated carbonic anhydrase isoenzyme known. It is expressed in all clear-cell renal cell carcinoma, but is not detected in normal kidney or most other normal tissues. It may be involved in cell proliferation and transformation. This gene was mapped to 17q21.2 by fluorescence in situ hybridization, however, radiation hybrid mapping localized it to 9p13-p12. [provided by RefSeq]

Other Designations: OTTHUMP00000022773,RCC-associated protein G250,carbonic dehydratase

Gene Pathway

[Nitrogen metabolism](#)

Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Carcinoma, Renal Cell](#) [Cardiovascular Diseases](#) [Cerebral Amyloid Angiopathy](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#) [Head and Neck Neoplasms](#) [Kidney Neoplasms](#) [Neoplasm Recurrence, Local](#) [Neoplasms](#), [Second Primary](#) [Neuroblastoma](#)

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