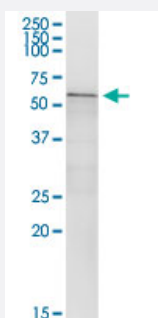


CA9 (Human) IP-WB Antibody Pair

Catalog # H00000768-PW1

Size 1 Set

Applications



Immunoprecipitation of CA9 transfected lysate using rabbit polyclonal anti-CA9 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-CA9.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (70%); Rat (72%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of CA9 transfected lysate using rabbit polyclonal anti-CA9 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-CA9.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-CA9 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-CA9 (50 ug)
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.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — CA9

Entrez GeneID [768](#)

Gene Name CA9

Gene Alias CAIX, MN

Gene Description carbonic anhydrase IX

Omim ID [603179](#)

Gene Ontology [Hyperlink](#)

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

Pathway

- [Nitrogen metabolism](#)

Disease

- [Alzheimer disease](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neuroblastoma](#)