

## CA12

**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:200 - 1:2000

**Calculated MW:**39kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CA12

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CAXII; CA-XII; T18816; HsT18816;

**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. This gene product is a type I membrane protein that is highly expressed in normal tissues, such as kidney, colon and pancreas, and has been found to be overexpressed in 10% of clear cell renal carcinomas. Three transcript variants encoding different isoforms have been identified for this gene.

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**Catalog #:**A10187

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**771

**Isotype:**IgG

**Swiss Prot:**O43570

**Purity:**Affinity purification

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