

CA12 polyclonal antibody

Catalog: BS65248

Host: Rabbit

Reactivity: Human

BackGround:

carbonic anhydrase 12(CA12) Homo sapiens 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. [provided by RefSeq, Jun 2014],

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

~ 39 kDa

Swiss-Prot:

O43570

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications:

IHC-p: 100-300. Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

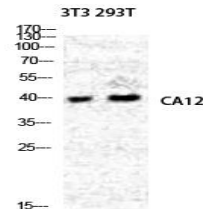
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

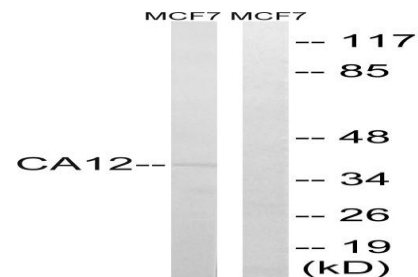
Specificity:

CA XII Polyclonal Antibody detects endogenous levels of CA XII protein.

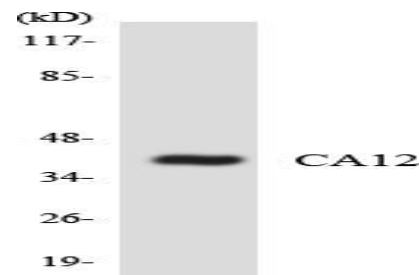
DATA:



Western Blot analysis of NIH-3T3 293T cells using CA XII Polyclonal Antibody diluted at 1: 2000



Western blot analysis of lysates from MCF-7 cells, using CA12 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using CA12 antibody.

Note:

For

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