

## CA12 Antibody

Catalog No: #SAB362

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## Description

Product Name	CA12 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	Custom antibody
Species Reactivity	Hu
Immunogen Type	Peptide-KLH
Target Name	CA12
Other Names	Carbonic anhydrase 12; Carbonate dehydratase XII; Tumor antigen HOM-RCC-3.1.3; CA12
Accession No.	uniprot:O43570
Calculated MW	39kDa
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

Western blotting: 1:500~1:1000

## Background

Reversible hydration of carbon dioxide. Inhibited by coumarins, saccharin, sulfonamide derivatives such as acetazolamide (AZA), benzenesulfonamide and derivatives (4-carboxyethylbenzene-sulfonamide, 4-carboxyethylbenzene-sulfonamide ethyl ester, 4-(acetyl-2-aminoethyl)benzene-sulfonamide, 4-aminoethylbenzene-sulfonamide) and Foscarnet (phosphonoformate trisodium salt).

Note: This product is for in vitro research use only