

For Research Use Only

Carbonic Anhydrase 6/CA6 Recombinant antibody

Catalog Number: 85940-3-RR



Basic Information

Catalog Number:

85940-3-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2963

GenBank Accession Number:

NM_001215.3

GeneID (NCBI):

765

UNIPROT ID:

P23280-1

Full Name:

carbonic anhydrase VI

Calculated MW:

35 kDa

Observed MW:

35-40 kDa

Purification Method:

Protein A purification

CloneNo.:

250412A7

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human saliva,

Background Information

CA6 (Carbonic anhydrase VI) is a member of CA family proteins that play a central role in pH regulation and electrolyte balance. CA6 is also known as gustin, is a zinc-containing secreted protein which catalyzes the hydration of carbon dioxide in saliva. CA6 is specifically expressed in the salivary gland of a number of mammalian species (PMID:28423504). The amino acid sequences are highly conserved across the species. And it was reported that decreasing of CA6 protein was associated with loss of taste and pathological morphology of taste buds (PMID: 9784398).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

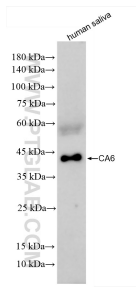
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human saliva were subjected to SDS PAGE followed by western blot with 85940-3-RR (Carbonic Anhydrase 6/CA6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.