

For Research Use Only

# Carbonic Anhydrase 6/CA6 Polyclonal antibody

Catalog Number: 32740-1-AP



## Basic Information

Catalog Number:

32740-1-AP

Concentration:

450 ug/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:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, pig

Positive Controls:

WB : pig salivary gland tissue, 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:

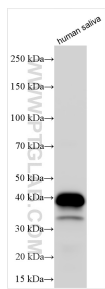
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

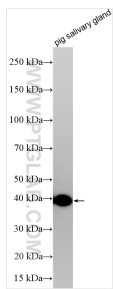
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32740-1-AP (Carbonic Anhydrase 6/CA6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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