For Research Use Only

Carbonic Anhydrase 6/CA6 Polyclonal antibody, PBS Only

Catalog Number:26490-1-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
26490-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG24207

GenBank Accession Number:
BC034350

GeneID (NCBI):
765

UNIPROT ID:
P23280

Full Name:
carbonic anhydrase VI

Calculated MW:
35 kDa

Observed MW:
35-40 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Background Information

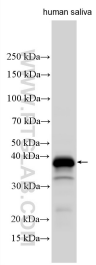
CA6 (Carbonic anhydrase VI) is a member of CA family proteins that play a central role in pH regulation and electrolyte balance (PMID: 15633208). CA6 is also known as gustin, is a zinc-containing secreted protein which catalyzes the hydration of carbon hydroxide in saliva (PMID: 19721466). CA6 is specifically 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 -80°C.
Storage Buffer:
PBS only, pH7.3

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 26490-1-AP (Carbonic Anhydrase 6/CA6 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26490-1-PBS in a different storage buffer formulation.