

For Research Use Only

Carbonic Anhydrase 6/CA6 Recombinant antibody

Catalog Number: 85940-3-RR



Basic Information

Catalog Number: 85940-3-RR	GenBank Accession Number: NM_001215.3	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 765	CloneNo.: 250412A7
Source: Rabbit	UNIPROT ID: P23280-1	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: carbonic anhydrase VI	
Immunogen Catalog Number: EG2963	Calculated MW: 35 kDa	
	Observed MW: 35-40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human saliva,
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. CA6 is also known as gustin, is a zinc-containing secreted protein which catalyzes the hydration of carbon hydroxide 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

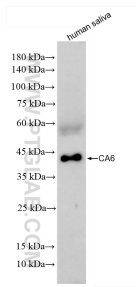
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1%BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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.