

For Research Use Only

CHGB Recombinant antibody

Catalog Number: 85438-4-RR



Basic Information

Catalog Number:

85438-4-RR

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6833

GenBank Accession Number:

BC000375

GeneID (NCBI):

1114

UNIPROT ID:

P05060

Full Name:

chromogranin B (secretogranin 1)

Calculated MW:

78 kDa

Observed MW:

70-100 kDa

Purification Method:

Protein A purification

CloneNo.:

242952C9

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, BxPC-3 cells, SH-SY5Y cells, RAW 264.7 cells, PC-12 cells, HEK-293T cells

Background Information

Chromogranin B is also named as Secretogranin-1, Sgl, CgB, CHGB and SCG1. CHGB, a secretory granule protein, inserts itself into membrane and forms a chloride-conducting channel (PMID: 30456382). Native CHGB distributes nearly equally in soluble and membrane-bound forms, and both reconstitute highly selective anion channels in membrane (PMID: 37435575). The calculated molecular weight of Chromogranin B is at 78kDa.

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

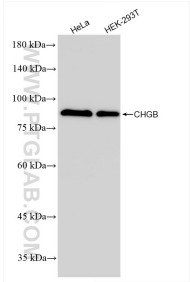
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

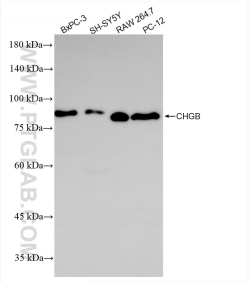
E: proteintech@ptglab.com
W: ptglab.com

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

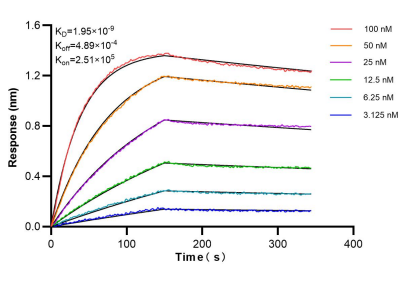
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85438-4-RR (CHGB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 85438-4-RR (CHGB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85438-4-RR against Human CHGB were performed. The affinity constant is 1.95 nM.