

For Research Use Only

CHGB Recombinant antibody, PBS Only

Catalog Number: 85438-4-PBS



Basic Information

Catalog Number: 85438-4-PBS	GenBank Accession Number: BC000375	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1114	CloneNo.: 242952C9
Source: Rabbit	UNIPROT ID: P05060	
Isotype: IgG	Full Name: chromogranin B (secretogranin 1)	
Immunogen Catalog Number: AG6833	Calculated MW: 78 kDa	
	Observed MW: 70-100 kDa	

Applications

Tested Applications:
WB, Indirect ELISA
Species Specificity:
human

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.

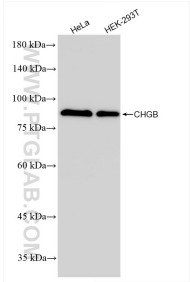
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

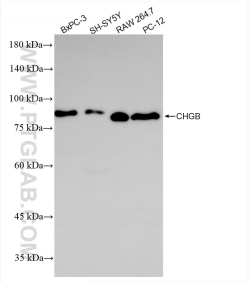
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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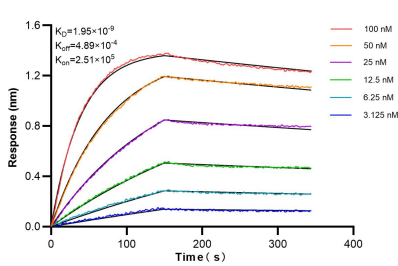
Selected Validation Data



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. This data was developed using the same antibody clone with 85438-4-PBS in a different storage buffer formulation.



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