

For Research Use Only

C12orf51 Recombinant antibody

Catalog Number: 84641-1-RR



Basic Information

Catalog Number: 84641-1-RR	GenBank Accession Number: BC006270	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 283450	CloneNo.: 241815A12
Source: Rabbit	Full Name: chromosome 12 open reading frame 51	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Calculated MW: 3996 aa, 439 kDa	
Immunogen Catalog Number: AG14614	Observed MW: 500 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A375 cells, HeLa cells, HepG2 cells
Species Specificity: human	

Background Information

The HECT domain E3 ubiquitin protein ligase 4 (HECTD4), is also known as C12orf51. It may be involved in protein modification or ubiquitination (PMID: 26891264). In addition, genetic polymorphisms of C12orf51 are related to alcohol consumption and type 2 diabetes (T2D) (PMID: 38523829).

Storage

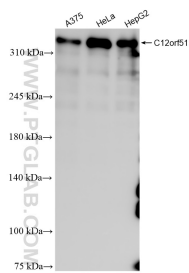
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

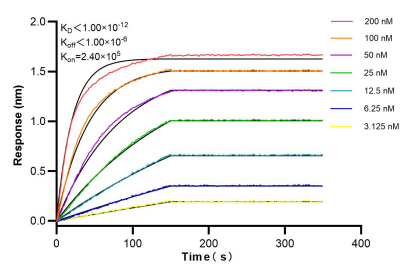
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 84641-1-RR (C12orf51 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84641-1-RR against Human C12orf51 were performed. The affinity constant is below 1 pM.