

For Research Use Only

C12orf51 Recombinant antibody

Catalog Number: 84641-1-RR



Basic Information

Catalog Number:

84641-1-RR

Size:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14614

GenBank Accession Number:

BC006270

GeneID (NCBI):

283450

Full Name:

chromosome 12 open reading frame

51

Calculated MW:

3996 aa, 439 kDa

Observed MW:

500 kDa

Purification Method:

Protein A purification

CloneNo.:

241815A12

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A375 cells, HeLa cells, HepG2 cells

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

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

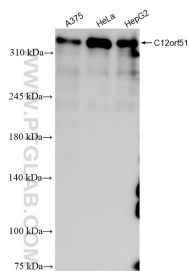
T: 4006900926

E: Proteintech-CN@ptglab.com

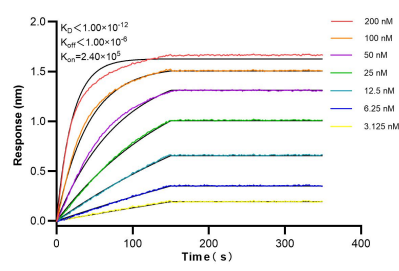
W: ptgcn.com

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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.