

For Research Use Only

C12orf51 Recombinant antibody, PBS Only

Catalog Number: 84641-1-PBS



Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

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

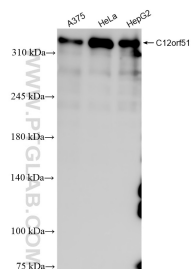
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

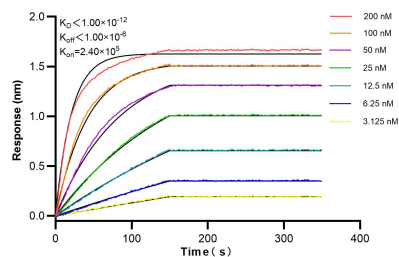
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Selected Validation Data



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. This data was developed using the same antibody clone with 84641-1-PBS in a different storage buffer formulation.



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