

For Research Use Only

# C12orf51 Polyclonal antibody

Catalog Number: 20609-1-AP



## Basic Information

Catalog Number:

20609-1-AP

Size:

150ul , Concentration: 240 ug/ml by Nanodrop;

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:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, HepG2 cells, mouse brain tissue

## 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

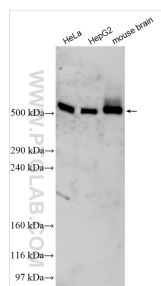
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20609-1-AP (C12orf51 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.