

For Research Use Only

# C14orf126 Polyclonal antibody

Catalog Number: 23923-1-AP



## Basic Information

### Catalog Number:

23923-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG21053

### GenBank Accession Number:

BC010618

### GeneID (NCBI):

112487

### UNIPROT ID:

Q96FN9

### Full Name:

chromosome 14 open reading frame 126

### Calculated MW:

168 aa, 19 kDa

### Observed MW:

19 kDa

### Purification Method:

Antigen Affinity purified

### Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Species Specificity:

human, mouse

### Positive Controls:

WB : A549 cells, mouse cerebellum tissue, HepG2 cells, mouse lung tissue

IF/ICC : A549 cells,

## Background Information

C14orf126, also named D-aminoacyl-tRNA deacylase 2 (DTD2), can deacylate L-Ala due to a relaxed specificity for substrate chirality caused by the trans conformation of the Gly-Pro motif in the active site. Plants are unique in possessing two distinct chiral proofreading systems, D-aminoacyl-tRNA deacylase1 (DTD1) and DTD2, of bacterial and archaeal origins, respectively.

## 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

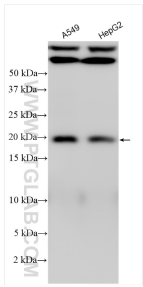
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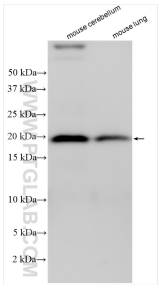
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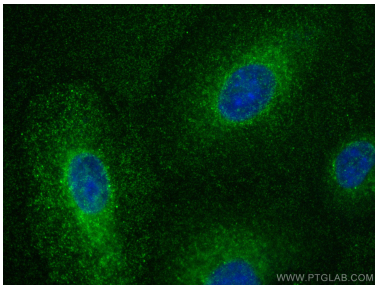
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23923-1-AP (C14orf126 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using C14orf126 antibody (23923-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).