

For Research Use Only

C14orf126 Polyclonal antibody, PBS Only

Catalog Number: 23923-1-PBS



Basic Information

Catalog Number:

23923-1-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

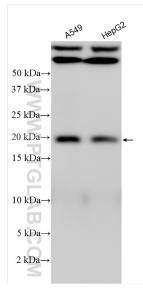
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

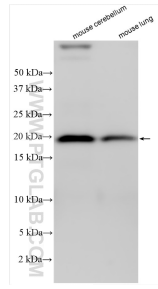
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

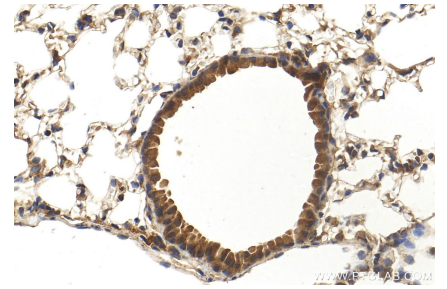
Selected Validation Data



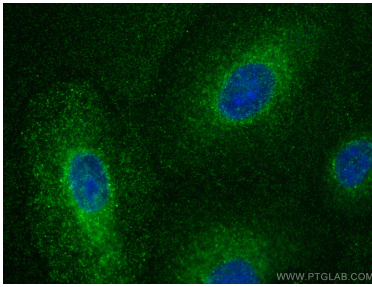
Various lysates were subjected to SDS PAGE followed by western blot with 23923-1-AP (C14orf126 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23923-1-PBS in a different storage buffer formulation.



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Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 23923-1-AP (C14orf126 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 23923-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 23923-1-PBS in a different storage buffer formulation.