

For Research Use Only

C14orf126 Polyclonal antibody, PBS Only

Catalog Number: 23923-1-PBS



Basic Information

Catalog Number: 23923-1-PBS	GenBank Accession Number: BC010618	Purification Method: Antigen Affinity purified
Concentration: 1 mg/ml	GeneID (NCBI): 112487	
Source: Rabbit	UNIPROT ID: Q96FN9	
Isotype: IgG	Full Name: chromosome 14 open reading frame 126	
Immunogen Catalog Number: AG21053	Calculated MW: 168 aa, 19 kDa	
	Observed MW: 19 kDa	

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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

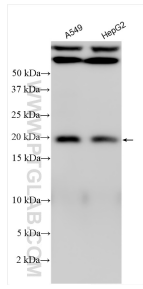
T: 4006900926

E: Proteintech-CN@ptglab.com

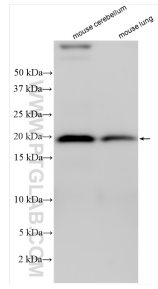
W: ptgcn.com

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

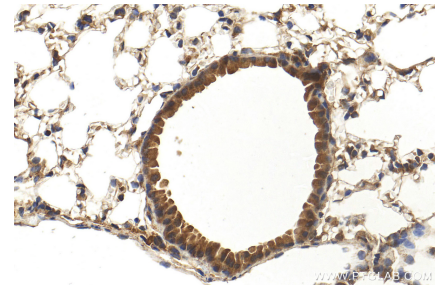
Selected Validation Data



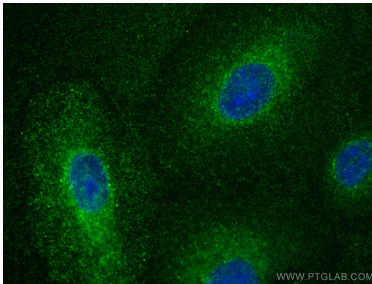
Various lysates were subjected to SDS PAGE followed by western blot with 23923-1-AP (C14orf126 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23923-1-PBS in a different storage buffer formulation.



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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.