

For Research Use Only

C14orf126 Polyclonal antibody

Catalog Number:23923-1-AP



Basic Information

Catalog Number: 23923-1-AP	GenBank Accession Number: BC010618	Purification Method: Antigen Affinity purified
Size: 600 ug/ml	GeneID (NCBI): 112487	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:200-1:800
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, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	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

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

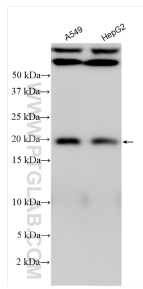
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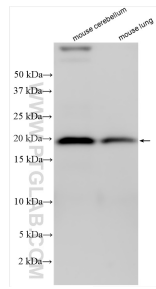
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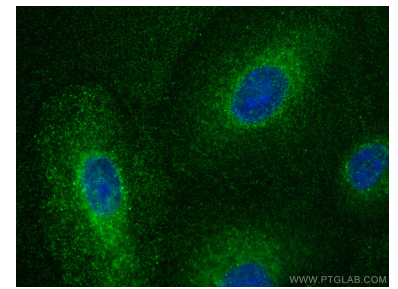
Selected Validation Data



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).