

For Research Use Only

AARSD1 Polyclonal antibody

Catalog Number: 14900-1-AP



Basic Information

Catalog Number: 14900-1-AP	GenBank Accession Number: BC004172	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 80755	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9BTE6	
Isotype: IgG	Full Name: alanyl-tRNA synthetase domain containing 1	
Immunogen Catalog Number: AG6692	Calculated MW: 45 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse brain tissue, mouse testis tissue

IHC: mouse kidney tissue, mouse testis tissue

Background Information

AARSD1 (Alanyl-tRNA synthetase domain-containing protein 1) is also named as alanyl-tRNA editing protein Aarsd1 and belongs to the class-II aminoacyl-tRNA synthetase family. It plays a role in prevention of synthesis of proteins containing errors (mistranslation) (PMID:18172502). It has 3 isoforms produced by alternative splicing with the molecular weight of 45 kDa, 59 kDa and 66 kDa.

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:

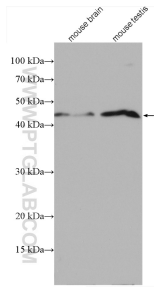
T: 4006900926

E: Proteintech-CN@ptglab.com

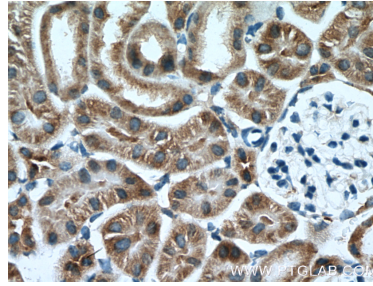
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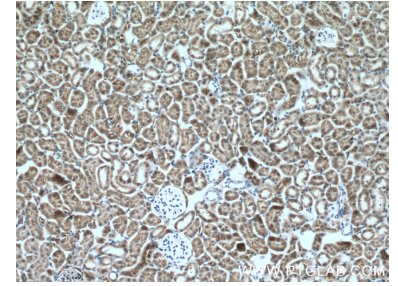
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14900-1-AP (AARSD1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 14900-1-AP (AARSD1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 14900-1-AP (AARSD1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).