

# AARSD1 Rabbit pAb

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Catalog # AP54482

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9BTE6</a>
<b>Reactivity</b>	Mouse
<b>Predicted</b>	Human, Rat, Pig, Rabbit, Sheep
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	45480
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human AARSD1
<b>Epitope Specificity</b>	361-412/412
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Cytoplasmic
<b>SIMILARITY</b>	Belongs to the class-II aminoacyl-tRNA synthetase family. Alax-L subfamily.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	This protein functions in trans to edit the amino acid moiety from incorrectly charged tRNA(Ala) (by similarity). There are 2 isoforms produced by alternative splicing.

## Additional Information

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<b>Gene ID</b>	80755
<b>Other Names</b>	Alanyl-tRNA editing protein Aarsd1, Alanyl-tRNA synthetase domain-containing protein 1, AARSD1
<b>Dilution</b>	WB=1:500-2000
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

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<b>Name</b>	AARSD1
<b>Function</b>	Functions in trans to edit the amino acid moiety from incorrectly charged

tRNA(Ala).

**Cellular Location**

Cytoplasm.

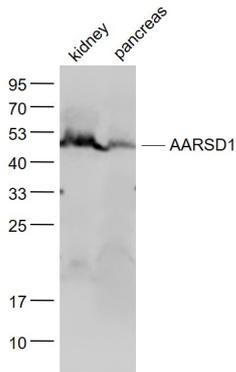
**Background**

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This protein functions in trans to edit the amino acid moiety from incorrectly charged tRNA(Ala) (by similarity). There are 2 isoforms produced by alternative splicing.

**Images**

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**Sample:**

Kidney (Mouse) Lysate at 40 ug

Pancreas (Mouse) Lysate at 40 ug

Primary: Anti- AARSD1 (AP54482) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 45 kD

Observed band size: 45 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.