



Rabbit Anti-AARSD1 antibody

SL11389R

Product Name:	AARSD1
Chinese Name:	含丙氨酸tRNA合成酶结构域1抗体
Alias:	AARSD1; MGC2744; Alanyl-tRNA editing protein Aarsd1; Alanyl-tRNA synthetase domain containing 1; Alanyl-tRNA synthetase domain-containing protein 1; MGC2744; OTTHUMP00000204017; OTTHUMP00000204019; OTTHUMP00000204020; AASD1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human AARSD1:361-412/412
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	This protein functions in trans to edit the amino acid moiety from incorrectly charged tRNA(Ala) (by similariy). There are 2 isoforms produced by alternative splicing. Function:

Functions in trans to edit the amino acid moiety from incorrectly charged tRNA(Ala)

Subcellular Location:

Cytoplasmic

Similarity:

Belongs to the class-II aminoacyl-tRNA synthetase family. Alax-L subfamily.

SWISS:

Q9BTE6

Gene ID:

100885850

Database links:

[Entrez Gene: 100885850](#) Human

[Entrez Gene: 80755](#) Human

[Entrez Gene: 69684](#) Mouse

[Entrez Gene: 619440](#) Rat

[Omim: 613212](#) Human

[SwissProt: Q9BTE6](#) Human

[SwissProt: Q3THG9](#) Mouse

[SwissProt: Q5XI97](#) Rat

[Unigene: 317403](#) Human

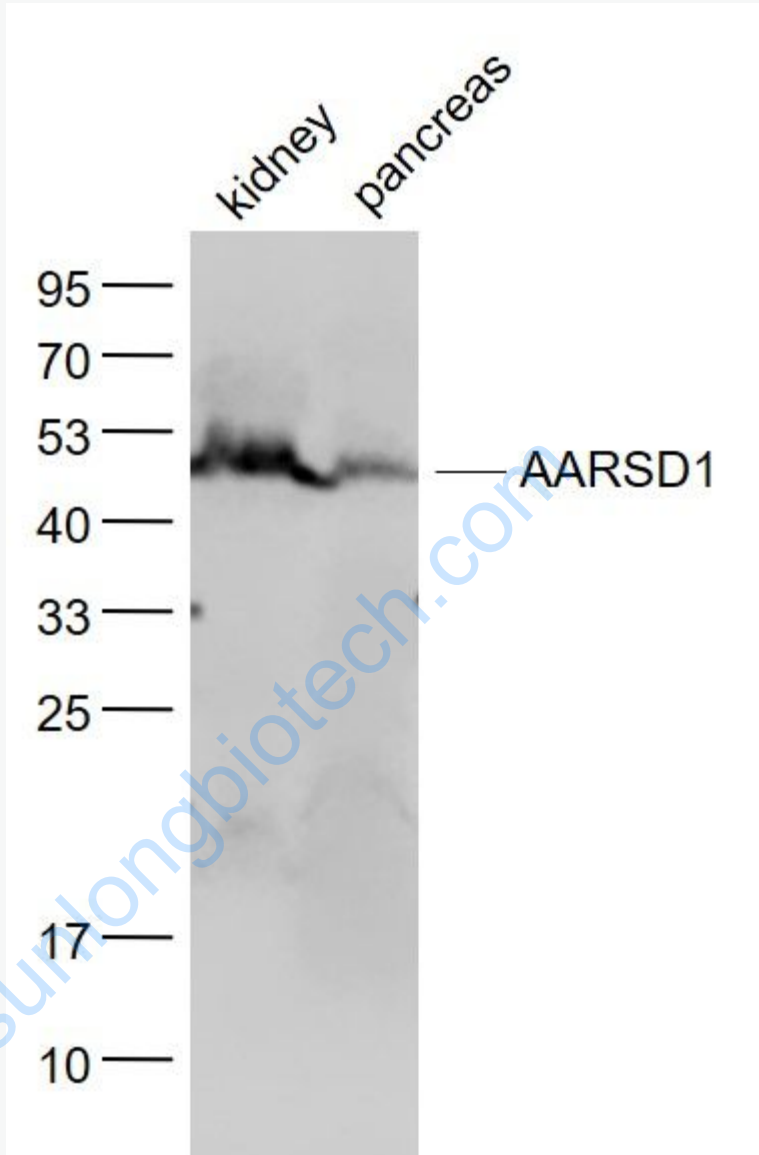
[Unigene: 146283](#) Mouse

[Unigene: 153971](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Kidney (Mouse) Lysate at 40 ug

Pancreas (Mouse) Lysate at 40 ug

Primary: Anti- AARSD1 (SL11389R) at 1/1000 dilution

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

Predicted band size: 45 kD

	Observed band size: 45 kD
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