SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-AARSD1 antibody

Catalog Number: SL11389R

FOR RESEARCH USE ONLY

[DATASHEET]

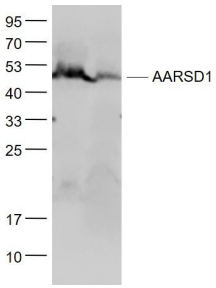
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	AARSD1
Immunogen:	KLH conjugated synthetic peptide derived from human AARSD1: 361-412/412
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse, (predicted: Human, Rat, Pig, Cow, Rabbit, Sheep)
Predicted MW.:	45kDa
Subcellular Location:	cytoplasmic
Background:	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. **Database links:** **Entrez Gene:** 100885850 Human **Entrez Gene:** 80755 Human **Entrez Gene:** 69684 Mouse **Entrez Gene:** 619440 Rat Omim: 613212 Human

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

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	SwissProt: Q9BTE6 Human **SwissProt:** Q3THG9 Mouse **SwissProt:** Q5XI97 Rat **Unigene:** 317403 Human **Unigene:** 146283 Mouse **Unigene:** 153971 Rat

[VALIDATION IMAGES]



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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