

Rabbit AARSD1 Polyclonal Antibody | anti-AARSD1 antibody

AARSD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324430	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

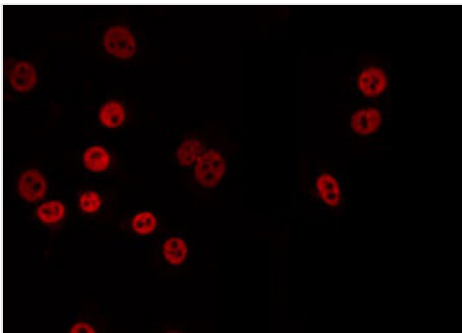
PRODUCT SYNONYMS

AARSD1; Polyclonal Antibody; AARSD1 Antibody; Aarsd1; AASD1_HUMAN; Alanyl-tRNA editing protein Aarsd1; Alanyl-tRNA synthetase domain containing 1; Alanyl-tRNA synthetase domain-containing protein 1; MGC2744; OTTHUMP00000204017; OTTHUMP00000204019; OTTHUMP00000204020; anti-AARSD1 antibody

PRODUCT SPECIFICATIONS

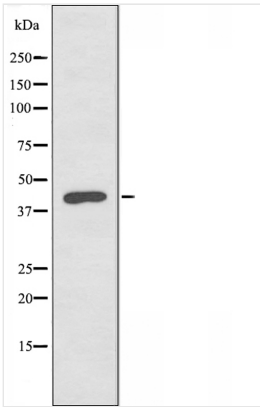
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	AARSD1 antibody detects endogenous levels of total AARSD1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	586
Applicable Applications for anti-AARSD1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Predicted Cross Reactivity	Pig, Bovine
Similarity	Pig (100%), Bovine (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324430 staining A549 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using AARS1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-AARS1 antibody	Function: Functions in trans to edit the amino acid moiety from incorrectly charged tRNA(Ala). Similarity: Belongs to the class-II aminoacyl-tRNA synthetase family. Alax-L subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	217416402
NCBI GeneID	100885850
NCBI Accession #	NP_001129514.2
NCBI GenBank Nucleotide #	NM_001136042.2
UniProt Accession #	Q9BTE6; B4DI73
Molecular Weight	Observed: 45 kD Predicted: 46 kDa
NCBI Official Full Name	PTGES3L-AARS1 protein isoform 1
NCBI Official Synonym Full Names	PTGES3L-AARS1 readthrough
NCBI Official Symbol	PTGES3L-AARS1
NCBI Protein Information	PTGES3L-AARS1 protein
UniProt Protein Name	Alanyl-tRNA editing protein Aarsd1
UniProt Gene Name	AARS1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/aarsd1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324430>