

Rabbit RARS2 Polyclonal Antibody | anti-RARS2 antibody

RARS2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287941	Rabbit	Human (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

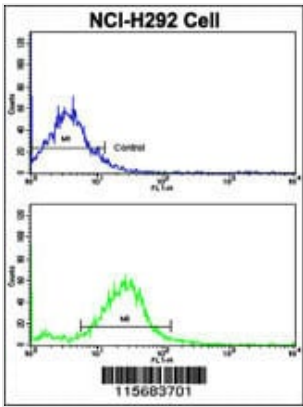
PRODUCT SYNONYMS

RARS2; Polyclonal Antibody; RARS2 Antibody (C-term); Probable arginine--tRNA ligase; mitochondrial; Arginyl-tRNA synthetase; ArgRS; RARSL; anti-RARS2 antibody

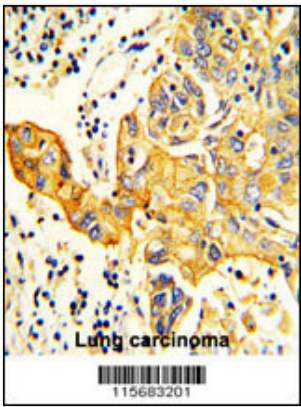
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RARS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 369-399 amino acids from the C-terminal region of human RARS2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	369-399
Sequence Length	578
Applicable Applications for anti-RARS2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

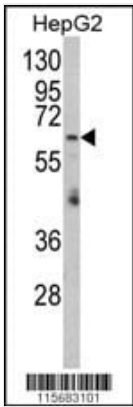
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NCI-H292 cells using RARS2 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human Lung carcinoma reacted with RARS2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of RARS2 Antibody (C-term) in HepG2 cell line lysates (35ug/lane). RARS2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RARS2 antibody	RARS2 is an arginyl-tRNA synthetase that is found in the mitochondrial matrix.
References	Edvardson,S., et.al., Am. J. Hum. Genet. 81 (4), 857-862 (2007) Ewing,R.M., et.al., Mol. Syst. Biol. 3, 89 (2007) Bonnefond,L., et.al., Biochemistry 44 (12), 4805-4816 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	197100773
NCBI GeneID	57038
NCBI Accession #	NP_064716.2
NCBI GenBank Nucleotide #	NM_020320.3
UniProt Accession #	Q5T160; Q96FU5; Q9H8K8; B2RDT7
Molecular Weight	65505
NCBI Official Full Name	probable arginine--tRNA ligase, mitochondrial

NCBI Official Synonym Full Names	arginyl-tRNA synthetase 2, mitochondrial
NCBI Official Symbol	RARS2
NCBI Official Synonym Symbols	PCH6; ArgRS; RARSL; DALRD2; PRO1992; dJ382I10.6
NCBI Protein Information	probable arginine--tRNA ligase, mitochondrial
UniProt Protein Name	Probable arginine--tRNA ligase, mitochondrial
UniProt Gene Name	RARS2
UniProt Synonym Gene Names	RARSL; ArgRS
UniProt Entry Name	SYRM_HUMAN

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/rars2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287941>