

Rabbit RARS Polyclonal Antibody | anti-RARS antibody

RARS Polyclonal Antibody

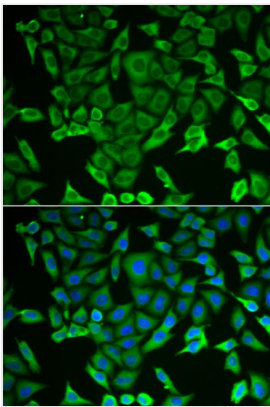
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28184	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

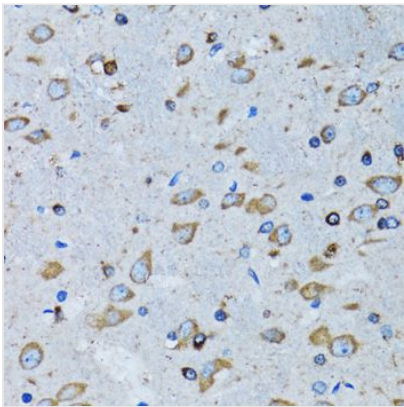
RARS; Polyclonal Antibody; RARS Polyclonal Antibody; ArgRS; DALRD1; anti-RARS antibody

PRODUCT SPECIFICATIONS

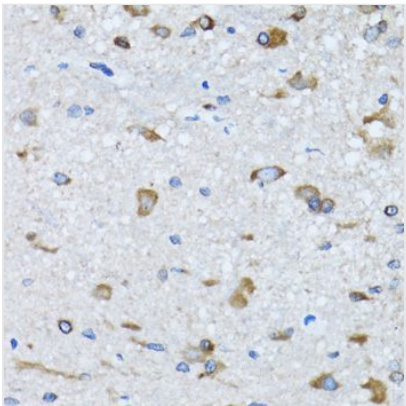
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	660
Applicable Applications for anti-RARS antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human RARS
Calculated Molecular Weight	75kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.



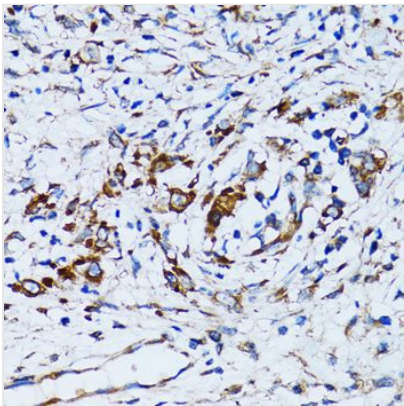
IF (Immunofluorescence)
Immunofluorescence analysis of MCF-7 cells using RARS antibody. Blue: DAPI for nuclear staining.



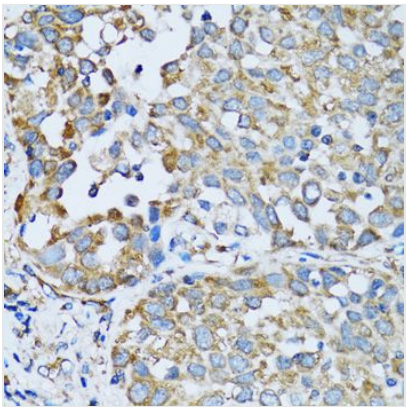
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse brain using RARS antibody at dilution of 1:100 (40x lens).



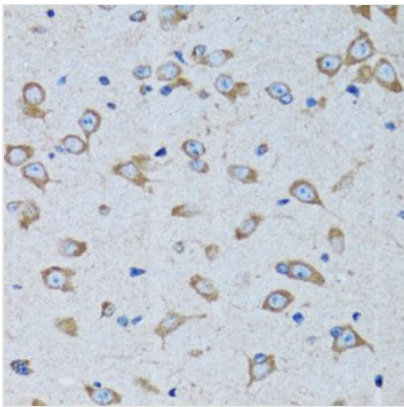
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse spinal cord using RARS antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human uterine cancer using RARS antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using RARS antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using RARS antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-RARS antibody	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Arginyl-tRNA synthetase belongs to the class-I aminoacyl-tRNA synthetase family.
Product Categories/Family for anti-RARS antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20178331
NCBI GeneID	5917
UniProt Accession #	P54136; Q53GY4; Q9BWA1; B2RBS9
Molecular Weight	660
NCBI Official Full Name	Arginine--tRNA ligase, cytoplasmic
NCBI Official Synonym Full Names	arginyl-tRNA synthetase
NCBI Official Symbol	RARS
NCBI Official Synonym Symbols	HLD9; ArgRS; DALRD1
NCBI Protein Information	arginine--tRNA ligase, cytoplasmic; arginine tRNA ligase 1, cytoplasmic; arginyl-tRNA synthetase, cytoplasmic
UniProt Protein Name	Arginine--tRNA ligase, cytoplasmic
UniProt Gene Name	RARS
UniProt Synonym Gene Names	ArgRS
UniProt Entry Name	SYRC_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://stage.aaabiotech.com/polyclonal/rars-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/28184>