

RARS antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14917**Specification**

RARS antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P54136
Other Accession	NM_002887 , NP_002878
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rabbit, Pig, Horse, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 73kDa kDa

RARS antibody - C-terminal region - Additional Information**Gene ID 5917**

Alias Symbol	ArgRS, DALRD1, MGC8641
Other Names	
Arginine--tRNA ligase, cytoplasmic, 6.1.1.19, Arginyl-tRNA synthetase, ArgRS, RARS	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-RARS antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

RARS antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

RARS antibody - C-terminal region - Protein Information

Name RARS1 ([HGNC:9870](#))

Synonyms RARS

Function

Forms part of a macromolecular complex that catalyzes the attachment of specific amino acids to cognate tRNAs during protein synthesis (PubMed:25288775). Modulates the secretion of AIMP1 and may be involved in generation of the inflammatory cytokine EMAP2 from AIMP1 (PubMed:17443684).

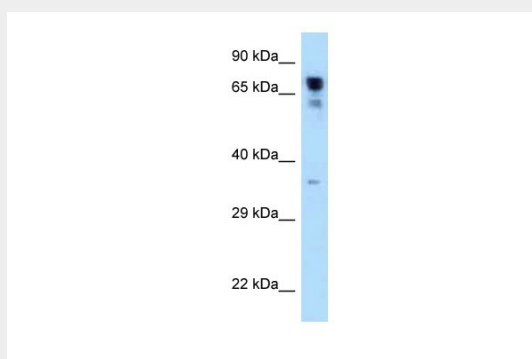
Cellular Location

Cytoplasm. Cytoplasm, cytosol

RARS antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RARS antibody - C-terminal region - Images

WB Suggested Anti-RARS Antibody Titration: 1.0 µg/ml

Positive Control: 721_B Whole Cell RARS is supported by BioGPS gene expression data to be expressed in 721_B

RARS antibody - C-terminal region - References

- Girjes A.A., et al. Gene 164:347-350(1995).
Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Suzuki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Gevaert K., et al. Nat. Biotechnol. 21:566-569(2003).