

Datasheet for ABIN7258274

anti-AARS antibody

4 Images

[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	AARS
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AARS antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide of human AARS (NP_001596.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	AARS
Alternative Name:	AARS (AARS Products)
Background:	The human alanyl-tRNA synthetase (AARS) belongs to a family of tRNA synthetases, of the class II enzymes. Class II tRNA synthetases evolved early in evolution and are highly conserved. This is reflected by the fact that 498 of the 968-residue polypeptide human AARS shares 41 % identity with the E.coli protein. tRNA synthetases are the enzymes that interpret the RNA code and attach

Target Details

specific aminoacids to the tRNAs that contain the cognate trinucleotide anticodons. They consist of a catalytic domain which interacts with the amino acid acceptor-T psi C helix of the tRNA, and a second domain which interacts with the rest of the tRNA structure.

Gene ID: 16

UniProt: [P49588](#)

Application Details

Application Notes: IHC 1:50-1:200 IF 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

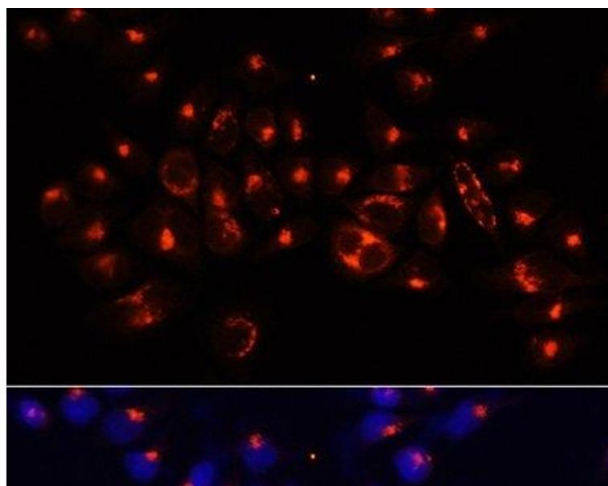
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

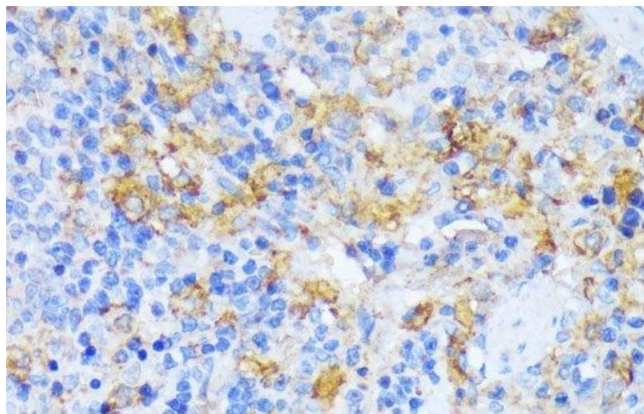
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



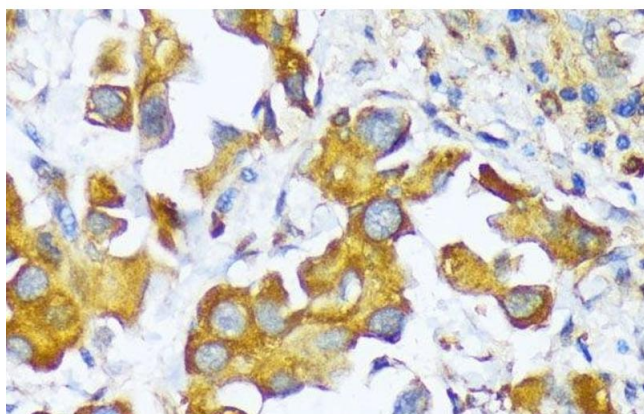
Immunofluorescence

Image 1. Immunofluorescence analysis of 293T cells using AARS Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Rat spleen using AARS Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human lung cancer using AARS Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7258274.