

Datasheet for ABIN2855995

anti-Phenylalanyl-tRNA Synthetase, alpha Subunit (FARSA) antibody[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	Phenylalanyl-tRNA Synthetase, alpha Subunit (FARSA)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human FARSLA. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to FARSLA (phenylalanyl-tRNA synthetase, alpha subunit) FARSLA antibody [N2C2], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Phenylalanyl-tRNA Synthetase, alpha Subunit (FARSA)
Alternative Name:	phenylalanyl-tRNA synthetase subunit alpha (FARSA Products)

Target Details

Background: Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. This gene encodes a product which is similar to the catalytic subunit of prokaryotic and *Saccharomyces cerevisiae* phenylalanyl-tRNA synthetases (PheRS). This gene product has been shown to be expressed in a tumor-selective and cell cycle stage- and differentiation-dependent manner, the first member of the tRNA synthetase gene family shown to exhibit this type of regulated expression

Cellular Localization: Cytoplasm

Molecular Weight: 58 kDa

Gene ID: 2193

UniProt: [Q9Y285](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.39 mg/mL

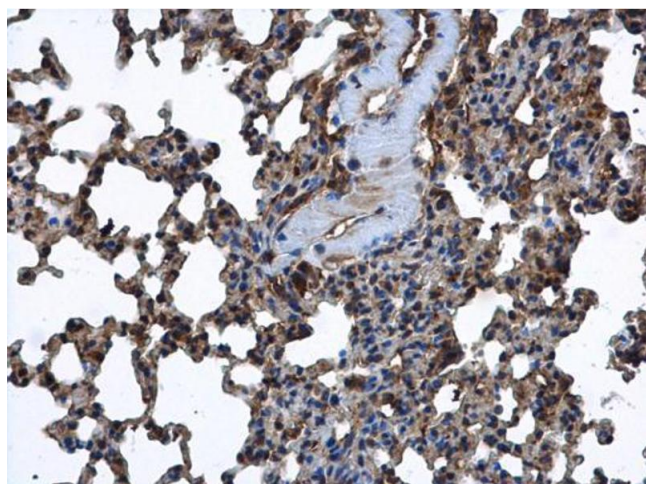
Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 1 % BSA, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

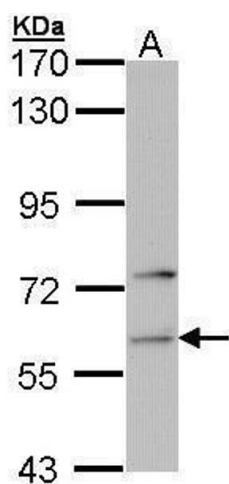
Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



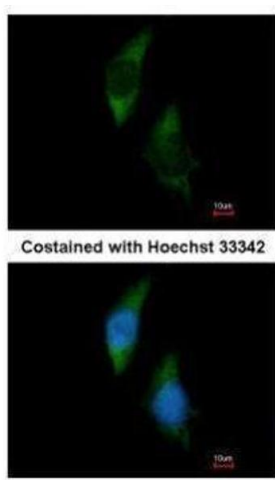
Immunohistochemistry

Image 1. IHC-P Image FARS LA antibody [N2C2], Internal detects FARS LA protein at cytoplasm in mouse lung by immunohistochemical analysis. Sample: Paraffin-embedded mouse lung. FARS LA antibody [N2C2], Internal , diluted at 1:500.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: 293T 7.5% SDS PAGE antibody diluted at 1:1000



Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using FARS LA, antibody at 1:200 dilution.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2855995.