

## FARSA Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP7566a

## **Specification**

## FARSA Antibody (N-term) Blocking Peptide - Product Information

**Primary Accession** 

**Q9Y285** 

## FARSA Antibody (N-term) Blocking Peptide - Additional Information

**Gene ID 2193** 

#### **Other Names**

Phenylalanine--tRNA ligase alpha subunit, CML33, Phenylalanyl-tRNA synthetase alpha subunit, PheRS, FARSA, FARSL, FARSLA

## Target/Specificity

The synthetic peptide sequence used to generate the antibody <a

href=/product/products/AP7566a>AP7566a</a> was selected from the N-term region of human FARSA. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

## **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

## FARSA Antibody (N-term) Blocking Peptide - Protein Information

Name FARSA

Synonyms FARS, FARSL, FARSLA

## **Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q505J8}.

### FARSA Antibody (N-term) Blocking Peptide - Protocols

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

Blocking Peptides



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# FARSA Antibody (N-term) Blocking Peptide - Images FARSA Antibody (N-term) Blocking Peptide - Background

Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. FARSA is similar to the catalytic subunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA synthetases (PheRS). This protein 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.

## FARSA Antibody (N-term) Blocking Peptide - References

Gevaert, K., Nat. Biotechnol. 21 (5), 566-569 (2003) Moor, N., Protein Expr. Purif. 24 (2), 260-267 (2002)Sen, S., Proc. Natl. Acad. Sci. U.S.A. 94 (12), 6164-6169 (1997)