10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FARSB Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7991a

Specification

FARSB Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9NSD9

FARSB Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 10056

Other Names
Phenylalanine--tRNA ligase beta subunit, Phenylalanyl-tRNA synthetase beta subunit, PheRS, FARSB, FARSLB, FRSB

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7991a was selected from the N-term region of human FARSB. 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.

FARSB Antibody (N-term) Blocking Peptide - Protein Information

Name FARSB

Synonyms FARSLB, FRSB

Cellular Location
Cytoplasm.

FARSB 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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FARSB Antibody (N-term) Blocking Peptide - Images

FARSB Antibody (N-term) Blocking Peptide - Background

FARSB is a highly conserved enzyme that belongs to the aminoacyl-tRNA synthetase class IIc subfamily. This enzyme comprises the regulatory beta subunits that form a tetramer with two catalytic alpha subunits. In the presence of ATP, this tetramer is responsible for attaching L-phenylalanine to the terminal adenosine of the appropriate tRNA.

FARSB Antibody (N-term) Blocking Peptide - References

Yu,X.Y., Bioorg. Med. Chem. Lett. 14 (5), 1339-1342 (2004)Vasil'eva,I.A., Biochemistry Mosc. 69 (2), 143-153 (2004)Moor,N., Biochemistry 42 (36), 10697-10708 (2003)