

FARSB Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7991a**Specification**

FARSB Antibody (N-term) - Product Information

Application	IHC-P,E
Primary Accession	O9NSD9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

FARSB Antibody (N-term) - Additional Information**Gene ID** 10056**Other Names**

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

Target/Specificity

This FARSB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human FARSB.

Dilution

IHC-P~~1:10~50

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FARSB Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FARSB Antibody (N-term) - Protein Information**Name** FARSB**Synonyms** FARSLB, FRSB**Cellular Location**

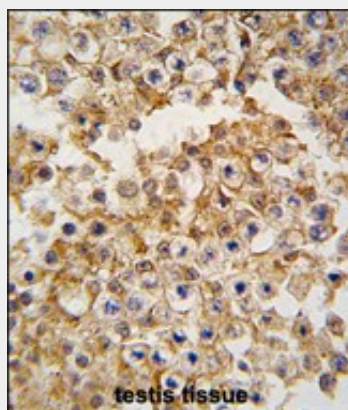
Cytoplasm.

FARSB Antibody (N-term) - 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](#)

FARSB Antibody (N-term) - Images



Formalin-fixed and paraffin-embedded human testis tissue reacted with FARSB antibody (N-term) (Cat.#AP7991a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

FARSB Antibody (N-term) - 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) - 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)