

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

**Specification**

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**FARSB Antibody (N-term) - Product Information**

Application	<b>IHC-P,E</b>
Primary Accession	<a href="#">O9NSD9</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>

**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**

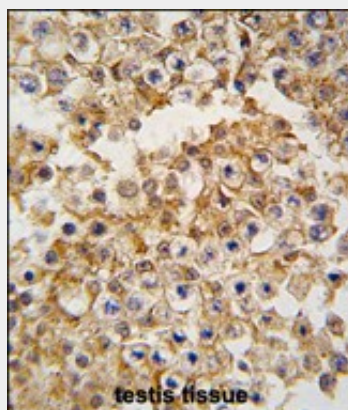
Cytoplasm.

### **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)  
Moore, N., *Biochemistry* 42 (36), 10697-10708 (2003)