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

Specification

FARSB Antibody (N-term) - Product Information

Application	**IHC-P,E**
Primary Accession	Q9NSD9
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

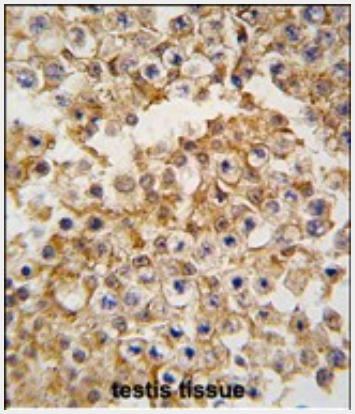
Cytoplasm.

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 Cytomety
- 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)