

Product datasheet for **TA349533S**

FARSLB (FARSB) Rabbit Polyclonal Antibody

Product data:

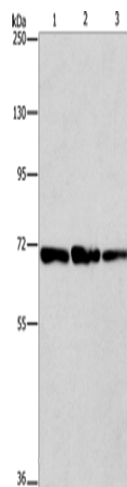
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: A172, K562 and hela cells IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human FARSB
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	66 kDa
Gene Name:	phenylalanyl-tRNA synthetase beta subunit
Database Link:	NP_005678 Entrez Gene 23874 Mouse Entrez Gene 10056 Human Q9NSD9
Background:	This gene encodes 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. A pseudogene located on chromosome 10 has been identified.
Synonyms:	FARSLB; FRSB; HSPC173; PheHB; PheRS



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Protein Pathways: Aminoacyl-tRNA biosynthesis

Product images:



Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane 1-3: A172 cells

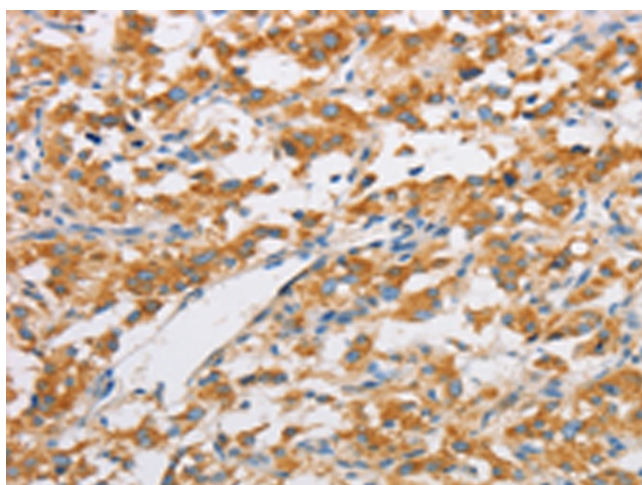
K562 cells

hela cells

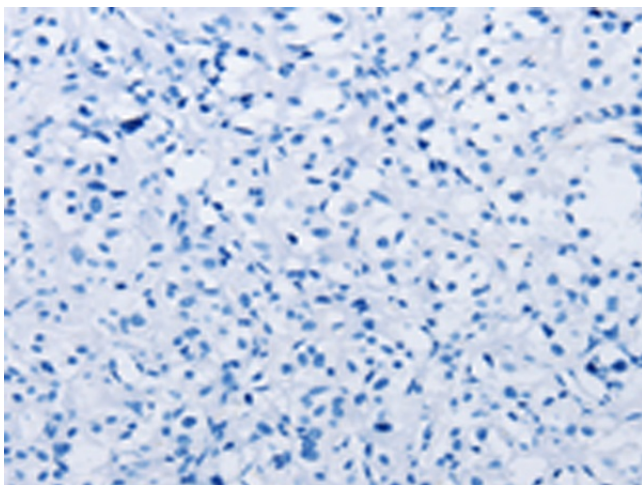
Primary antibody: [TA349533] (FARSB Antibody)
at dilution 1/225

Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

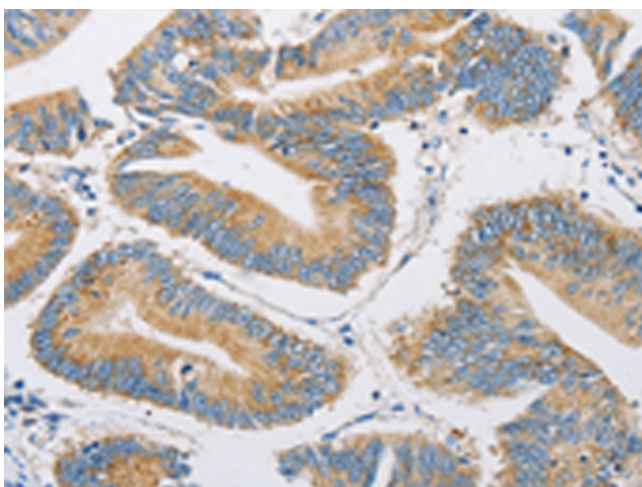
Exposure time: 1 minute



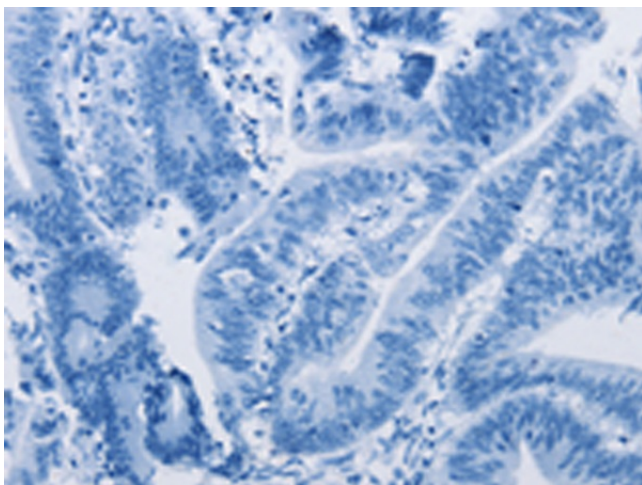
Immunohistochemistry of paraffin-embedded
Human thyroid cancer tissue using [TA349533]
(FARSB Antibody) at dilution 1/20 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349533] (FARSB Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA349533] (FARSB Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA349533] (FARSB Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)