Product datasheet for **TA331202**

**FARSLA (FARSA) Rabbit Polyclonal Antibody**

**Product data:**

- **Product Type:** Primary Antibodies
- **Applications:** WB
- **Recommend Dilution:** WB
- **Reactivity:** Human
- **Host:** Rabbit
- **Isotype:** IgG
- **Clonality:** Polyclonal

**Immunogen:** The immunogen for Anti-FARSA antibody is: synthetic peptide directed towards the C-terminal region of Human FARSA. Synthetic peptide located within the following region:

`TFFLRDPAEALQLPMDYVQRVKRTSHSOGGYGSQGYKYNWKLDEARKNLLR`

**Formulation:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

*Note that this product is shipped as lyophilized powder to China customers.*

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

**Predicted Protein Size:** 57 kDa

**Gene Name:** phenylalanyl-tRNA synthetase alpha subunit

**Database Link:** [NP_004452 Entrez Gene 2193 Human](https://www.ncbi.nlm.nih.gov/gene/2193)

**Background:** Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. This gene encodes a product which is similar to the catalytic subunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA synthetases (PheRS). This gene product has been shown to be expressed in a tumor-selective and cell cycle stage- and differentiation-dependent manner, the first member of the tRNA synthetase gene family shown to exhibit this type of regulated expression.

**Synonyms:** CML33; FARSL; FARSLA; FRSA; PheHA

**Note:**

- Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 93%; Zebrafish: 79%

**Protein Pathways:** Aminoacyl-tRNA biosynthesis
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Product images:

WB Suggested Anti-FARSA Antibody; Titration: 1.0 ug/ml; Positive Control: 293T Whole CellFARSA is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells

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