

# FARSA rabbit monoclonal antibody

Catalog # H00002193-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human FARSA peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human FARSA is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human FARSA peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — FARSA

Entrez GeneID	<a href="#">2193</a>
GeneBank Accession#	<a href="#">FARSA</a>
Gene Name	FARSA
Gene Alias	CML33, FARSL, FARSLA, FRSA, PheHA
Gene Description	phenylalanyl-tRNA synthetase, alpha subunit
Omim ID	<a href="#">602918</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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 <i>Saccharomyces cerevisiae</i> 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 [provided by RefSeq]
Other Designations	phenylalanine tRNA ligase 1, alpha, cytoplasmic phenylalanine-tRNA synthetase alpha-subunit phenylalanine-tRNA synthetase-like, alpha subunit phenylalanyl-tRNA synthetase-like, alpha subunit

## Pathway

- [Aminoacyl-tRNA biosynthesis](#)