

DNAXPab

Hard-to-Find
Antibody

FARSA DNAXPab

Catalog # H00002193-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human FARSA DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MADGQVAELLRRLEASDGGGLDSAELAAELGMEHQAVVGAVKSLQALGEVIEAELRSTKHWELT AEGEEIAREGSHEARVFRSIPPEGLAQSELMRLPSGKVGFSKAMSNKWIRVDKSAADGPRVFRV VDSMEDEVQRRQLQLVRGQAQAEKLGEKERSELKRKLLAEVTLKTYWVSKGSFSTSIKQETEL SPEMISSGSWRDRPFKPYNFLAHGVLDPDSGHLHPLLKVRSQFRQIFLEMGFTEMPDNISSF NFDALFQPQQHPARDQHDFTFLRDPAEALQLPMDYVQVRKTHSQGGYGSQGYKYNWKLDEAR KNLLRTHHTTSASARALYRLAQKKPFTPVKYFSIDRVFRNETLDATHLAEFHQIEGVVADHGLTLGHL MGVLRFFTKLGITQLRFKPAYNPYTEPSMEVFSYHQGLKKWVEVGNSGVFRPEMLLPMLPEN VSVIAWGLSLERPTMIKYGINNIRELVGHKVNLMVYDPSPLCRLDAEPRPPPTQEAA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — FARSA

Entrez GeneID [2193](#)

GeneBank Accession# [NM_004461.1](#)

Protein Accession# [NP_004452.1](#)

Gene Name FARSA

Gene Alias CML33, FARSL, FARSLA, FRSA, PheHA

Gene Description phenylalanyl-tRNA synthetase, alpha subunit

Omim ID [602918](#)

Gene Ontology [Hyperlink](#)

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 *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 [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](#)