

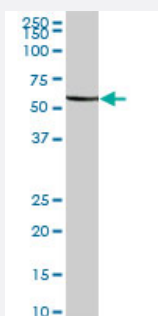
MaxPab®

FARSA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002193-B01P

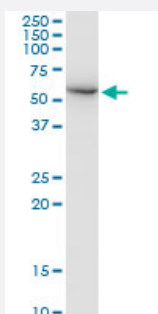
Size 50 ug

Applications



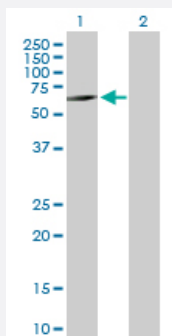
Western Blot (Tissue lysate)

FARSLA MaxPab polyclonal antibody. Western Blot analysis of FARSLA expression in human spleen.



Western Blot (Cell lysate)

FARSA MaxPab polyclonal antibody. Western Blot analysis of FARSA expression in HeLa.

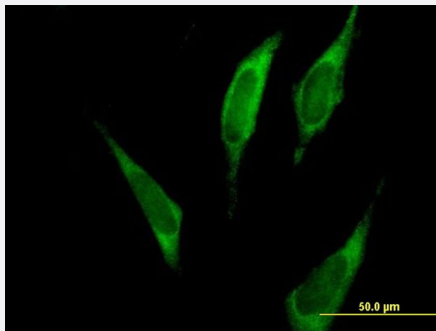


Western Blot (Transfected lysate)

Western Blot analysis of FARSA expression in transfected 293T cell line ([H00002193-T01](#)) by FARSA MaxPab polyclonal antibody.

Lane 1: FARSLA transfected lysate(55.88 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to FARSLA on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human FARSA protein.
Immunogen	FARSA (NP_004452.1, 1 a.a. ~ 508 a.a) full-length human protein.
Sequence	MADGQVAELLRRLEASDGGGLDSAEALAEELGMEHQAVVGAVKSLQALGEVIEAELRSTKHWELT AEGEEIAREGSHEARVFRSIPPEGLAQSELMRLPSGKVGFSKAMSNKWIRVDKSAADGPRVFRV VDSMEDEVQRRQLVRGGQAEKLGKERSELKRKLLAEVTLKTYWVSKGSFSTSIKQETEL SPEMISSGSWRDRPFKPYNFLAHGVLDPDSGHLHPLLKVR SQFRQIFLEMGFTEMPD NFIESSFW NFDALFQPQQHPARDQHD TFFLRDPAEALQLPMDYVQRVKRTHSQGGYGSQGYKYNWKLDEAR KNLLRTHHTTSASARALYRLAQKKPFTPVKYFSIDRVFRNETLDATHLAEFHQIEGVVADHGLTLGHL MGVLREFFTKLGITQLRFKPAYNPYTEPSMEVFSYHQGLKKWVEVGNSGVFRPEMLLPMLPEN VSVIAWGLSLERPTMIKYGINNIRELVGHKVNLMQVYDSPLCRLDAEPRPPPTQEAA
Host	Mouse
Reactivity	Human
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 (Tissue lysate)

FARSLA MaxPab polyclonal antibody. Western Blot analysis of FARSLA expression in human spleen.

[Protocol Download](#)

- Western Blot (Cell lysate)

FARSA MaxPab polyclonal antibody. Western Blot analysis of FARSA expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of FARSA expression in transfected 293T cell line ([H00002193-T01](#)) by FARSA MaxPab polyclonal antibody.

Lane 1: FARSLA transfected lysate(55.88 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to FARSLA on HeLa cell. [antibody concentration 10 ug/ml]

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](#)