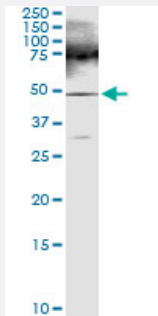


FARS2 (Human) IP-WB Antibody Pair

Catalog # H00010667-PW1

Size 1 Set

Applications



Immunoprecipitation of FARS2 transfected lysate using rabbit polyclonal anti-FARS2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-FARS2.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (82)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of FARS2 transfected lysate using rabbit polyclonal anti-FARS2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-FARS2.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-FARS2 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-FARS2 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — FARS2

Entrez GeneID [10667](#)

Gene Name FARS2

Gene Alias FARS1, HSPC320, PheRS, dJ520B18.2

Gene Description phenylalanyl-tRNA synthetase 2, mitochondrial

Omim ID [611592](#)

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 phenylalanine-tRNA synthetase (PheRS) localized to the mitochondri on which consists of a single polypeptide chain, unlike the (alpha-beta)₂ structure of the prokaryoti c and eukaryotic cytoplasmic forms of PheRS. Structure analysis and catalytic properties indicate mitochondrial PheRSs may constitute a class of PheRS distinct from the enzymes found in prokar yotes and in the eukaryotic cytoplasm. [provided by RefSeq]

Other Designations OTTHUMP00000015986|OTTHUMP00000039213|dJ236A3.1 (phenylalanine-tRNA synthetase)| dJ520B18.2 (FARS1 (phenylalanine-tRNA synthetase))|phenylalanine tRNA ligase 2, mitochondri al|phenylalanine translase|phenylalanine--tRNA ligase|phenylalanine-tRNA synthetase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)