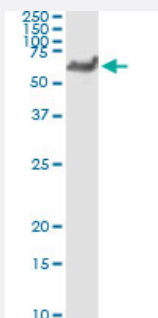


WARS (Human) IP-WB Antibody Pair

Catalog # H00007453-PW1

Size 1 Set

Applications



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

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 (90); Rat (88)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of WARS transfected lysate using rabbit polyclonal anti-WARS and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-WARS.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-WARS (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-WARS (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 — WARS

Entrez GeneID [7453](#)

Gene Name WARS

Gene Alias GAMMA-2, IFI53, IFP53

Gene Description tryptophanyl-tRNA synthetase

Omim ID [191050](#)

Gene Ontology [Hyperlink](#)

Gene Summary Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Two forms of tryptophanyl-tRNA synthetase exist, a cytoplasmic form, named WARS, and a mitochondrial form, named WARS2. Tryptophanyl-tRNA synthetase (WARS) catalyzes the aminoacylation of tRNA(trp) with tryptophan and is induced by interferon. Tryptophanyl-tRNA synthetase belongs to the class I tRNA synthetase family. Four transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

Other Designations interferon-induced protein 53|tryptophan tRNA ligase 1, cytoplasmic

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Tryptophan metabolism](#)

Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Myocardial Infarction](#)