

WARS2 Polyclonal Antibody

Catalog number: 13944-1-AP

Size: 31 µg/150 µl

Source: Rabbit

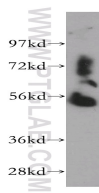
Isotype: IgG

Synonyms:

WARS2; (Mt)TrpRS, TrpRS,

Tryptophan tRNA ligase,

WARS2



human liver tissue were subjected to SDS PAGE followed by western blot with 13944-1-AP(WARS2 antibody) at dilution of 1:500

Background

WARS2(tryptophan--tRNA ligase, mitochondrial) is also called mitochondrial TRPRS and belongs to the class-I aminoacyl-tRNA synthetase family. The gene encodes the protein containing 360-amino acid ,which has an N-terminal mitochondrial targeting signal that is cleaved after residue 18. WARS2 has characteristics of a class I aminoacyl-tRNA synthetase, including a classical Rossmann fold(PMID:15779907). It has 2 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated WARS2 MW:	40 kDa
Observed WARS2 MW:	60 kDa/55 kDa
Positive WB detected in	Human liver tissue, mouse brain tissue
Recommended dilution:	WB: 1:500-1:5000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5024
GenBank accession number:	BC044575
Gene ID (NCBI):	10352
Full name:	Tryptophanyl tRNA synthetase 2, mitochondrial

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.