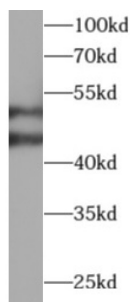
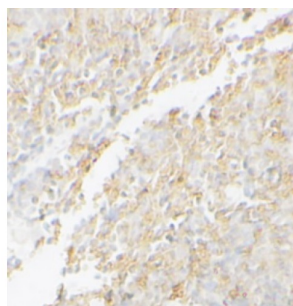


Tryptophanyl tRNA Synthetase (WARS) Antibody

Catalogue No.: abx219342



WB analysis of C6 cells, using SYWC antibody (1/1000 dilution).



IHC-P analysis of mouse spleen tissue, using SYWC antibody (1/100 dilution).

Tryptophanyl tRNA Synthetase (WARS) Antibody is a Rabbit Polyclonal antibody for the detection of SYWC.

TrpRS is also named as IFI53, WRS, WARS and belongs to the class-I aminoacyl-tRNA synthetase family. It catalyzes activation of tryptophan by ATP and transfer to tRNA^{Trp}, ensuring translation of the genetic code for tryptophan. TrpRS is thought to be more closely related to TyrRS than to any other class I enzyme, but the significance of this relationship has been questioned (PMID:7743129). It can exist as a dimer (PMID:7743129). It has 2 isoforms produced by alternative splicing.

Target: Tryptophanyl tRNA Synthetase (WARS)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: tryptophanyl-tRNA synthetase

Isotype: IgG

Datasheet

Version: 2.0.0
Revision date: 06 Sep 2025



Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P23381 (UniProt , ExPASy)
Gene Symbol:	WARS
GeneID:	7453
OMIM:	191050
HGNC:	12729
KEGG:	hsa:7453
Ensembl:	ENSG00000140105
String:	9606.ENSP00000347495
Molecular Weight:	Observed MW: 53 kDa, 48 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.