

anti- SYWC antibody

Product Information

Catalog No.:	CAF50469
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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.

Immunogen information

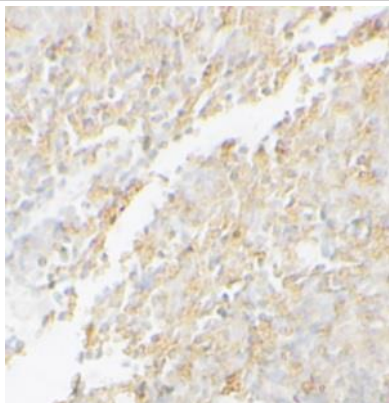
Immunogen:	tryptophanyl-tRNA synthetase
Synonyms:	GAMMA 2, hWRS, IFI53, IFP53, Interferon induced protein 53, TrpRS, Tryptophan tRNA ligase, Tryptophanyl-tRNA synthetase, WARS, WRS, SYWC
Observed MW:	53 kDa, 48 kDa
Uniprot ID :	P23381

Application

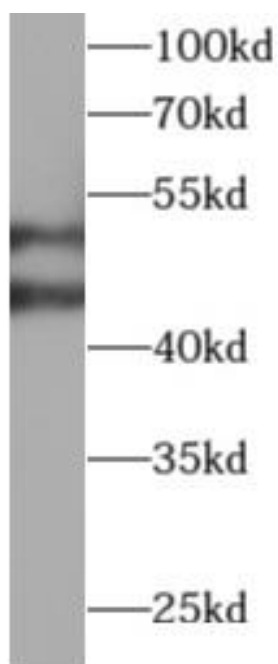
Reactivity:	Human, Rat, Mouse
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200
Image:	

This Antibody is for Research Use Only. Not for Diagnostic Procedures.

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded mouse spleen using CAF50469(SYWC antibody) at dilution of 1:100



C6 cells were subjected to SDS PAGE followed by western blot with CAF50469(SYWC antibody) at dilution of 1:1000