

anti- SYWC antibody

Product Information

Catalog No.:	FNab10037
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

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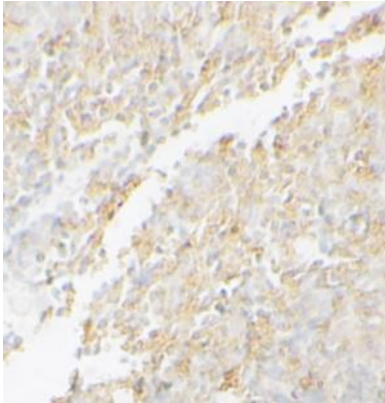
www.fn-test.com

Reactivity: Human, Rat, Mouse

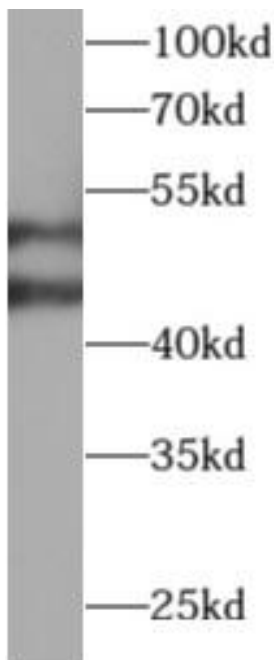
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded mouse spleen using FNab10037(SYWC antibody) at dilution of 1:100



C6 cells were subjected to SDS PAGE followed by western blot with FNab10037(SYWC antibody) at dilution of 1:1000

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