

WARS1 antibody

Product Information

Catalog No.:	FNab09024
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.

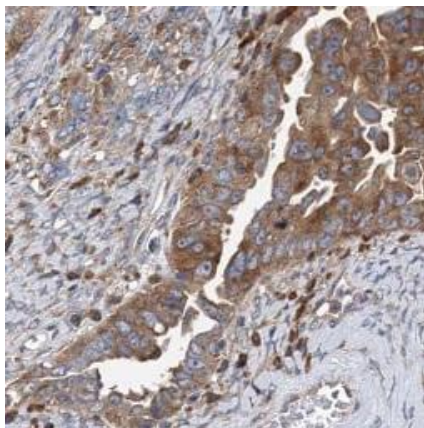
Immunogen information

Immunogen:	tryptophanyl-tRNA synthetase
Synonyms:	Tryptophan--tRNA ligase, cytoplasmic Interferon-induced protein 53 (IFP53) Tryptophanyl-tRNA synthetase (TrpRS, hWRS) T1-TrpRS T2-TrpRS WARS1 IFI53 WARS WRS
Observed MW:	53 kDa
Uniprot ID :	P23381

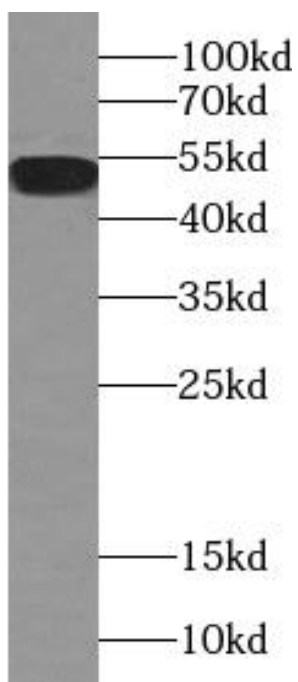
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, FC
Recommended dilution:	WB: 1:1000-1:10000; IP: 1:200-1:2000; IHC: 1:20-1:200; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using FNab09024(WARS Antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab09024(WARS antibody) at dilution of 1:500