

Tryptophan tRNA Ligase Rabbit pAb

db22921

Package : 20µL 50µL 100µL

Product Name : Tryptophan tRNA Ligase Rabbit pAb**Cat.No.:** db22921**Synonyms** : HMN9; WARS; IFI53; IFP53; GAMMA-2**Application** : WB, IHC, FC**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Two forms of tryptophanyl-tRNA synthetase exist, a cytoplasmic form, named WARS, and a mitochondrial form, named WARS2. Tryptophanyl-tRNA synthetase (WARS) catalyzes the aminoacylation of tRNA(trp) with tryptophan and is induced by interferon. Tryptophanyl-tRNA synthetase belongs to the class I tRNA synthetase family. Four transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Tryptophanyl tRNA synthetase/WRS

Gene ID

7453

Swiss Prot

P23381

Synonyms

HMN9; WARS; IFI53; IFP53; GAMMA-2

Reactivity

Human, Mouse, Rat

Application

WB, IHC, FC

Recommended dilutionWB: 1:1000
IHC: 1:100-1:500
FC: 1:20**Calculated MW**

53 kDa

Observed MW

53 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.