

RK05722

Leader in Biomolecular Solutions for Life Science



[One Step] WARS Antibody Kit

Catalog No.: RK05722

Basic Information

Applications

Cross-Reactivity

Human, Mouse, Rat

Observed MW

53-55kDa

Calculated MW

53kDa

Category

Antibody kit

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.

Product Information

Source

Rabbit

Purification

Storage

Avoid repeated freeze-thaw cycles.

Contact



www.abclonal.com

Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05722-1	Tryptophanyl-tRNA synthetase 1 Rabbit pAb	53kDa
RK05722-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	53-55kDa

Immunogen Information

Gene ID

7453

Swiss Prot

P23381

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human Tryptophanyl-tRNA synthetase 1 (NP_776049.1).

Synonyms

HMN9; WARS; IFI53; IFP53; GAMMA-2; Tryptophanyl-tRNA synthetase 1