

[One Step]WARS Antibody Kit

Catalog No.: RK05722

Basic Information

Catalog No.

RK05722

Applications

WB

Cross-Reactivity

Human, Mouse, Rat

Observed MW

53-55kDa

Calculated MW

48kDa/53kDa

Category

Antibody kit

Product Information

Source

Rabbit

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Avoid repeated freeze-thaw cycles.

Contact



www.abclonal.com

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.

Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05722-1	WARS Rabbit pAb	1:1000 dilution
RK05722-2	HRP Goat Anti-Rabbit IgG (H+L)	1:10000 dilution

Immunogen Information

Gene ID

7453

Swiss Prot

P23381

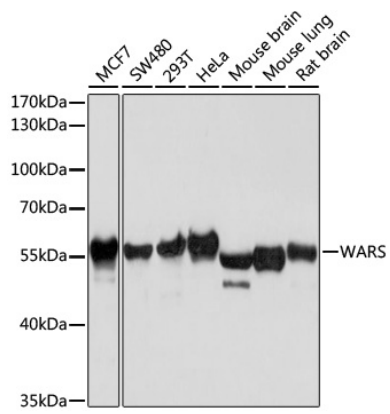
Immunogen

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

Synonyms

WARS;GAMMA-2;IFI53;IFP53

Validation Data



Western blot analysis of extracts of various cells, using WARS antibody (A5758) at 1:1000 dilution ratio through one-step method.