



Anti-NARS (aa 441-547) polyclonal antibody (DPAB-DC1996)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. Asparaginyl-tRNA synthetase is localized to the cytoplasm and belongs to the class II family of tRNA synthetases. The N-terminal domain represents the signature sequence for the eukaryotic asparaginyl-tRNA synthetases.
Immunogen	NARS (NP_004530, 441 a.a. ~ 547 a.a) partial recombinant protein with GST tag. The sequence is PVEIKSFYMQRCPEDSRLTESVDVLMNVGEIVGGSMRIFDSEEILAGYKREGIDPTPY WYTDQRKYGTCPHGGYGLGLERFLTWILNRYHIRDVCLYPRFVQRCT
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [NARS asparaginyl-tRNA synthetase \[Homo sapiens \(human\) \]](#)

Official Symbol	NARS
Synonyms	NARS; asparaginyl-tRNA synthetase; ASNRS; NARS1; asparagine--tRNA ligase, cytoplasmic; asparagine tRNA ligase 1, cytoplasmic; asparaginyl-tRNA synthetase, cytoplasmic;
Entrez Gene ID	4677
Protein Refseq	NP_004530
UniProt ID	O43776
Chromosome Location	18q21.31
Pathway	Aminoacyl-tRNA biosynthesis; Aminoacyl-tRNA biosynthesis, eukaryotes; Cytosolic tRNA aminoacylation; tRNA Aminoacylation.
Function	ATP binding; asparagine-tRNA ligase activity; nucleic acid binding;