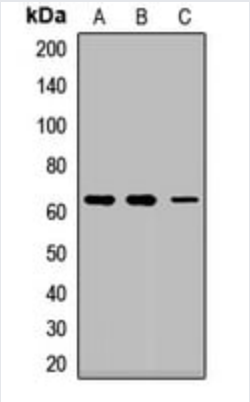
AsnRS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AsnRS, Polyclonal Antibody
Full Product Name	Anti-AsnRS Antibody
Product Gene Name	anti-AsnRS antibody
Product Synonym Gene Name	NARS
Product Synonym Names	Asparagine--tRNA ligase, cytoplasmic; Asparaginyl-tRNA synthetase; AsnRS
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	Purified by immunogen affinity chromatography
Specificity	Recognizes endogenous levels of AsnRS protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	20,033 Da
OMIM	AJ000334 mRNA
3D Structure	ModBase 3D Structure for O43776
Immunogen	Recombinant full length protein of human AsnRS
Applications Tested/Suitable for anti-AsnRS antibody	Western Blot (WB)
Application Notes for anti-AsnRS antibody	WB: 1/500 - 1/2000
Related Product Information for anti-AsnRS antibody	MBS8291721 is an antibody targeting AsnRS. Reactive in Human, Mouse. Host: Rabbit. Rabbit polyclonal antibody to AsnRS
Other Notes	Small volumes of anti-AsnRS antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-AsnRS antibody
Western blot analysis of AsnRS expression in HT29 (A), Jurkat (B), mouse pancreas (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AsnRS. It may not necessarily be applicable to this product.

NCBI GI #	4758762
NCBI GeneID	4677
NCBI Accession #	NP_004530.1
UniProt Primary Accession #	O43776
UniProt Secondary Accession #	Q53GU6; B4DG16
UniProt Related Accession #	O43776
GenBank Nucleotide #	NM_004539.3
NCBI Official Full Name	asparagine--tRNA ligase, cytoplasmic
NCBI Official Synonym Full Names	asparaginyl-tRNA synthetase
NCBI Official Symbol	NARS
NCBI Official Synonym Symbols	ASNRS; NARS1
UniProt Protein Name	Asparagine--tRNA ligase, cytoplasmic
UniProt Synonym Protein Names	Asparaginyl-tRNA synthetase; AsnRS
Protein Family	Asparagine--tRNA ligase
UniProt Gene Name	NARS
UniProt Synonym Gene Names	AsnRS
NCBI Protein Information	asparagine--tRNA ligase, cytoplasmic
NCBI Summary for AsnRS	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. [provided by RefSeq, Jul 2008]
Research Articles on AsnRS	**1.** Study shows that ERO1L and NARS expression level are up-regulated in primary lung adenocarcinoma and identifies them with a potential to promote tumor metastasis and growth of cancer cells.

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