

Rabbit NARS Polyclonal Antibody | anti-NARS antibody

NARS Antibody (N-term)

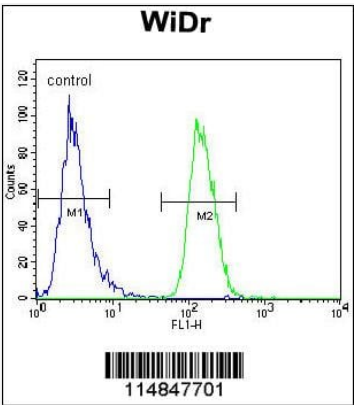
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284791	Rabbit	Human (Predicted Reactivity: Bovine, Monkey, Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

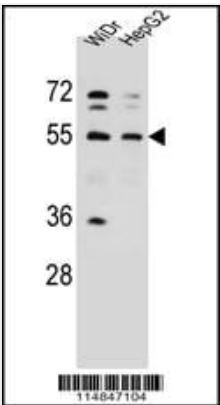
NARS; Polyclonal Antibody; NARS Antibody (N-term); Asparagine--tRNA ligase; cytoplasmic; Asparaginyl-tRNA synthetase; AsnRS; anti-NARS antibody

PRODUCT SPECIFICATIONS

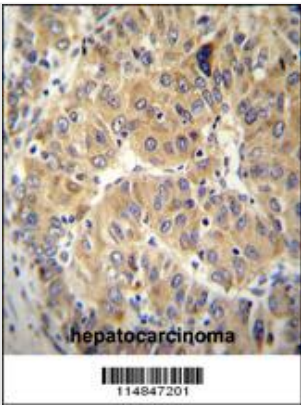
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Monkey, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NARS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-53 amino acids from the N-terminal region of human NARS.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	24-53
Sequence Length	174
Applicable Applications for anti-NARS antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



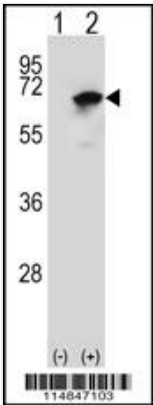
FCM/FACS (Flow Cytometry)
NARS Antibody (N-term) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
NARS Antibody (N-term) western blot analysis in WiDr, HepG2 cell line lysates (35ug/lane). This demonstrates the NARS antibody detected the NARS protein (arrow).



IHC (Immunohistochemistry)
NARS Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of NARS Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of NARS (arrow) using rabbit polyclonal NARS Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NARS gene.

ADDITIONAL INFORMATION

Related Product Information for anti-NARS antibody	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.
References	Lim, J., et al. Cell 125(4):801-814(2006) Lehner, B., et al. Genome Res. 14(7):1315-1323(2004) Shiba, K., et al. Nucleic Acids Res. 26(22):5045-5051(1998) Beaulande, M., et al. Nucleic Acids Res. 26(2):521-524(1998) Cirullo, R.E., et al. Somatic Cell Genet. 9(2):215-233(1983)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758762
NCBI GeneID	4677
NCBI Accession #	NP_004530.1

NCBI GenBank Nucleotide #	NM_004539.3
UniProt Accession #	O43776; Q53GU6; B4DG16
Molecular Weight	62943
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
NCBI Protein Information	asparagine--tRNA ligase, cytoplasmic
UniProt Protein Name	Asparagine--tRNA ligase, cytoplasmic
UniProt Gene Name	NARS
UniProt Synonym Gene Names	AsnRS
UniProt Entry Name	SYNC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nars-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284791>