

Rabbit anti-Human Asparaginyl tRNA Synthetase Polyclonal Antibody | anti-NARS antibody

Polyclonal Antibody to Asparaginyl tRNA Synthetase (NARS)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145737	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Asparaginyl tRNA Synthetase; Polyclonal Antibody; Polyclonal Antibody to Asparaginyl tRNA Synthetase (NARS); AsnRS; NARS1; KS; Asparagine tRNA Ligase 1; Cytoplasmic; anti-NARS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NARS. It has been selected for its ability to recognize NARS in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	548
Applicable Applications for anti-NARS antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	NARS (Met1~Arg330)
Conjugate	No Conjugate
Cross Reactivity	Human
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant NARS (Met1~Arg330) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data

Knockout Validation: Lane 1: Wild-type K562 cell lysate; Lane 2: NARS knockout K562 cell lysate; Predicted MW: 20.63kd Observed MW: 65kd Primary Ab: 1ug/ml Rabbit Anti-Human NARS Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Stomach Tissue



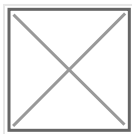
IHC (Immunohistochemistry)

DAB staining on fromalin fixed paraffin- embedded kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human K562 cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human NARS Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-NARS antibody	Knock-Out Validation Antibody
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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	20,033 Da
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

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.

