Rabbit anti-Human NARS2 Polyclonal Antibody | anti-NARS2 antibody

NARS2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285436	**Rabbit**	**Human**	**Immunohistochemistry, ELISA, Western Blot**

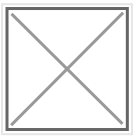
PRODUCT SYNONYMS

NARS2; Polyclonal Antibody; NARS2 Antibody (C-term); Probable asparagine--tRNA ligase; mitochondrial; Asparaginyl-tRNA synthetase; AsnRS; anti-NARS2 antibody

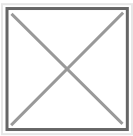
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NARS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 445-474 amino acids from the C-terminal region of human NARS2.
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	445-474
Sequence Length	250
Applicable Applications for anti-NARS2 antibody	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.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with NARS2 antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-NARS2 Antibody (C-term) in Hela cell line lysates (35ug/lane).NARS2(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NARS2 antibody	Asparagine-tRNA ligase (EC 6.1.1.22) catalyzes the chemical reaction: ATP + L-asparagine + tRNAAsn <---> AMP + diphosphate + L-asparaginyl-tRNAAsn. This enzyme participates in alanine and aspartate metabolism and aminoacyl-tRNA biosynthesis.
Product Categories/Family for anti-NARS2 antibody	Metabolism; Signal Transduction
References	Bonnefond,L., Biochemistry 44 (12), 4805-4816 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	226491502
NCBI GeneID	79731
NCBI Accession #	NP_078954.4
NCBI GenBank Nucleotide #	NM_024678.5
UniProt Accession #	Q96I59; G3V178
Molecular Weight	54090
NCBI Official Full Name	probable asparagine--tRNA ligase, mitochondrial isoform 1
NCBI Official Synonym Full Names	asparaginyl-tRNA synthetase 2, mitochondrial (putative)
NCBI Official Symbol	NARS2
NCBI Official Synonym Symbols	SLM5; asnRS; DFNB94
NCBI Protein Information	probable asparagine--tRNA ligase, mitochondrial
UniProt Protein Name	Probable asparagine--tRNA ligase, mitochondrial
UniProt Gene Name	**NARS2**
UniProt Synonym Gene Names	AsnRS
UniProt Entry Name	SYNM_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://stage.aaabiotech.com/polyclonal/nars2-antibody-immunohistochemistry-western-blot-elisa/285436