

NARS2

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:20 - 1:200

Calculated MW:54kDa

Observed MW:Refer to figures

Immunogen:

A synthetic Peptide of human NARS2

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

SLM5; asnRS; DFNB94;

Catalog #:A4982

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:79731

Isotype:IgG

Swiss Prot:Q96I59

Purity:Affinity purification

For research use only.

Background:

This gene encodes a putative member of the class II family of aminoacyl-tRNA synthetases.

These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. This protein is encoded by the nuclear genome but is likely to be imported to the mitochondrion where it is thought to catalyze the ligation of asparagine to tRNA molecules.

Mutations in this gene have been associated with combined oxidative phosphorylation deficiency 24 (COXPD24).

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