

## 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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