

NARS2 rabbit pAb

Catalog No :	YT7643
Reactivity :	Human;Mouse
Applications :	WB
Target :	NARS2
Fields :	>>Aminoacyl-tRNA biosynthesis
Gene Name :	NARS2
Protein Name :	NARS2
Human Gene Id :	79731
Human Swiss Prot No :	Q96I59
Mouse Gene Id :	244141
Mouse Swiss Prot No :	Q8BGV0
Immunogen :	Synthesized peptide derived from human SYNM AA range: 166-216
Specificity :	This antibody detects endogenous levels of SYNM at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1[?]500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 52kD

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). [provided by RefSeq, Mar 2015],

Function : catalytic activity:ATP + L-asparagine + tRNA(Asn) = AMP + diphosphate + L-asparaginyl-tRNA(Asn).,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family.,

Subcellular Location : Mitochondrion matrix . Mitochondrion .

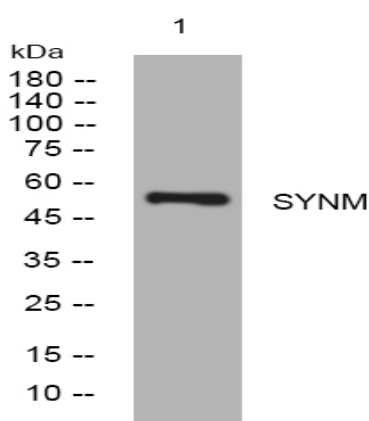
Sort : 16820

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Western blot analysis of lysates from HEK293 cells, primary antibody was diluted at 1:1000, 4° over night