

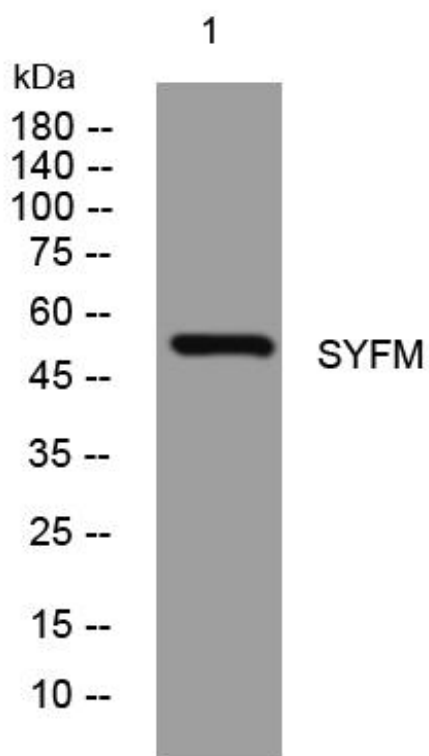


SYFM mouse mAb

Catalog No	YP-mAb-12343
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FARS2 FARS1 HSPC320
Immunogen	Synthesized peptide derived from human SYFM AA range: 294-344
Specificity	This antibody detects endogenous levels of SYFM at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:6.1.1.20;FARS1;HSPC320;Phenylalanine tRNA ligase;Phenylalanine--tRNA ligase;mitochondrial;SYFM;FARS2 FARS1 HSPC320
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Mitochondrion matrix . Mitochondrion .
Tissue Specificity	
Function	catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate + L-phenylalanyl-tRNA(Phe).,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family.,similarity:Contains 1 FDX-ACB domain.,subunit:Monomer.,
Background	This gene encodes a protein that transfers phenylalanine to its cognate tRNA. This protein localizes to the mitochondrion and plays a role in mitochondrial protein translation. Mutations in this gene can cause combined oxidative phosphorylation deficiency 14 (Alpers encephalopathy). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using SYFM mouse mAb