

Rabbit SYFM Polyclonal Antibody | anti-SYFM antibody

SYFM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319896	Rabbit	Human, Mouse, Rat	Immunohistochemistry, ELISA, Western Blot

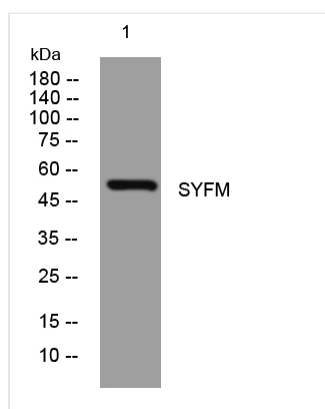
PRODUCT SYNONYMS

SYFM; Polyclonal Antibody; SYFM Antibody; anti-SYFM antibody

PRODUCT SPECIFICATIONS

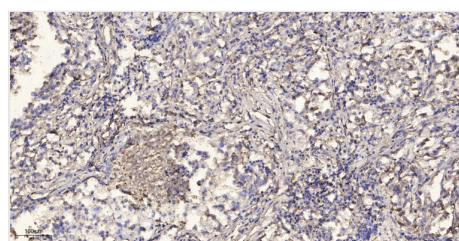
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of SYFM at Human/Mouse/Rat
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SYFM antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from human SYFM AA range: 294-344
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

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



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-SYFM antibody	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]
Product Categories/Family for anti-SYFM antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729820
NCBI GeneID	10667
NCBI Accession #	NP_006558.1
NCBI GenBank Nucleotide #	NM_006567.3
UniProt Accession #	O95363; Q53F66; Q5TCS3; Q6FG29; Q9NPY7; Q9P062; B2R664
Molecular Weight	52,357 Da
NCBI Official Full Name	phenylalanine--tRNA ligase, mitochondrial
NCBI Official Synonym Full Names	phenylalanyl-tRNA synthetase 2, mitochondrial
NCBI Official Symbol	FARS2
NCBI Official Synonym Symbols	FARS1; PheRS; COXPD14; HSPC320; dJ520B18.2
NCBI Protein Information	phenylalanine--tRNA ligase, mitochondrial; dJ236A3.1 (phenylalanine-tRNA synthetase); dJ520B18.2 (FARS1 (phenylalanine-tRNA synthetase)); phenylalanine tRNA ligase 2, mitochondrial; phenylalanine transase; phenylalanine-tRNA synthetase 1 (mitochondrial)
UniProt Protein Name	Phenylalanine--tRNA ligase, mitochondrial
UniProt Gene Name	FARS2
UniProt Synonym Gene Names	FARS1; PheRS
UniProt Entry Name	SYFM_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/syfm-antibody-immunohistochemistry-western-blot-elisa/319896>