

Rabbit anti-Human, Mouse Tyrosyl tRNA Synthetase 2, Mitochondrial (YARS2) Polyclonal Antibody | anti-YARS2 antibody

Polyclonal Antibody to Tyrosyl tRNA Synthetase 2, Mitochondrial (YARS2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152733	Rabbit	Human, Mouse	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

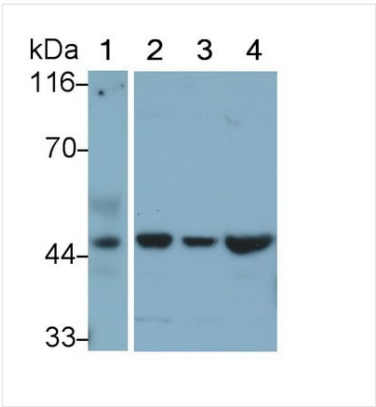
PRODUCT SYNONYMS

Tyrosyl tRNA Synthetase 2; Mitochondrial (YARS2); Polyclonal Antibody; Polyclonal Antibody to Tyrosyl tRNA Synthetase 2; Mitochondrial; CGI-04; mt-TyrRS; TyrRS; Tyrosyl-tRNA synthetase; Tyrosine tRNA Ligase 2; anti-YARS2 antibody

PRODUCT SPECIFICATIONS

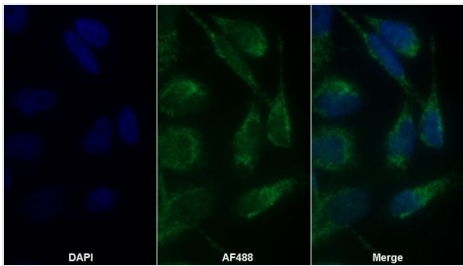
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against YARS2. It has been selected for its ability to recognize YARS2 in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	0.5mg/mL (varies by lot)
Sequence Positions	Ala221~Leu472
Applicable Applications for anti-YARS2 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Tyrosyl tRNA Synthetase 2, Mitochondrial (YARS2)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



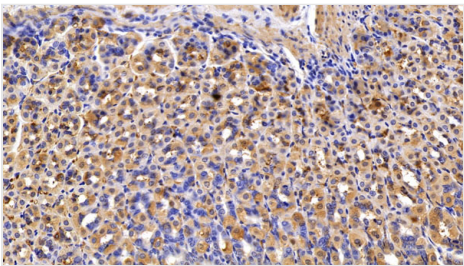
WB (Western Blot)

Western Blot; Sample: Lane1: Mouse Salivary gland lysate; Lane2: 293T cell lysate; Lane3: K562 cell lysate; Lane4: HepG2 cell lysate Primary Ab: 0.05ug/ml Rabbit Anti-Mouse YARS2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



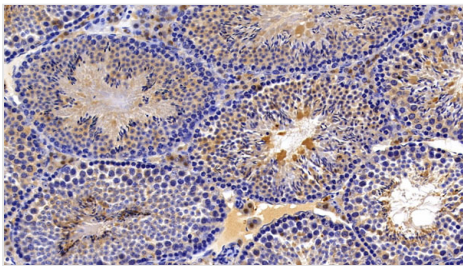
IF (Immunofluorescence)

AF488 staining on IF;Sample: HepG2 cellPrimary Ab: 20ug/ml Rabbit Anti-Mouse YARS2 AntibodySecond Ab: 2 ug/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P;Sample: Mouse Stomach Tissue; Primary Ab: 20ug/ml Rabbit Anti-Mouse YARS2 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Mouse Testis Tissue; Primary Ab: 20ug/ml Rabbit Anti-Mouse YARS2 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-YARS2 antibody	Polyclonal Antibodies (Primary Abs); Polyclonal antibodies; Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	39930579
NCBI GeneID	70120
NCBI Accession #	NP_937889.1
NCBI GenBank Nucleotide #	NM_198246.2
UniProt Accession #	Q8BYL4; Q6PAH7
Molecular Weight	52,597 Da
NCBI Official Full Name	tyrosine--tRNA ligase, mitochondrial
NCBI Official Synonym Full Names	tyrosyl-tRNA synthetase 2 (mitochondrial)
NCBI Official Symbol	Yars2
NCBI Official Synonym Symbols	tyrRS; 2210023C10Rik
NCBI Protein Information	tyrosine--tRNA ligase, mitochondrial
UniProt Protein Name	Tyrosine--tRNA ligase, mitochondrial

UniProt Gene Name	Yars2
UniProt Synonym Gene Names	TyrRS
UniProt Entry Name	SYYM_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tyrosyl-trna-synthetase-2-mitochondrial-yars2-antibody-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152733>