

Rabbit anti-Human, Mouse YARS/Tyrosyl-tRNA Synthetase/TYRRS Polyclonal Antibody | anti-YARS antibody

Rabbit anti-YARS/Tyrosyl-tRNA Synthetase/TYRRS Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213082	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

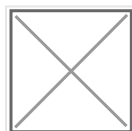
PRODUCT SYNONYMS

YARS/Tyrosyl-tRNA Synthetase/TYRRS; Polyclonal Antibody; Rabbit anti-YARS/Tyrosyl-tRNA Synthetase/TYRRS Antibody; Affinity Purified; tyrosyl-tRNA synthetase; cytoplasmic; YTS; TYRRS; Tyrosyl-tRNA synthetase; tyrosyl--tRNA ligase; tyrosine--tRNA ligase; tyrosine tRNA ligase 1; CMTDIC; YRS; Tyrosine--tRNA ligase; anti-YARS antibody

PRODUCT SPECIFICATIONS

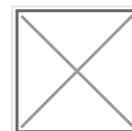
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-YARS antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Orangutan
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse YARS by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-YARS antibody AAA213082 (lot AAA213082-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human YARS by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-YARS antibody AAA213082 (lot AAA213082-1) used for IP at 6 ug per reaction. YARS was also immunoprecipitated by rabbit anti-YARS antibody BL19937. For blotting immunoprecipitated YARS, AAA213082 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-YARS antibody	The YARS gene encodes the protein Tyrosine--tRNA ligase, cytoplasmic, also known as Tyrosyl-tRNA synthetase. Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution [taken from NCBI Entrez Gene (Gene ID: 8565)].
Product Categories/Family for anti-YARS antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	156071485
NCBI GeneID	8565
NCBI Accession #	NP_003671.1
NCBI GenBank Nucleotide #	NM_003680
UniProt Accession #	P54577; O43276; Q53EN1; B3KWK4; D3DPQ4
NCBI Official Full Name	Homo sapiens tyrosyl-tRNA synthetase (YARS), mRNA
NCBI Official Synonym Full Names	tyrosyl-tRNA synthetase
NCBI Official Symbol	YARS
NCBI Official Synonym Symbols	YRS; YTS; TYRRS; CMTDIC
NCBI Protein Information	tyrosine--tRNA ligase, cytoplasmic; tyrosine tRNA ligase 1, cytoplasmic; tyrosyl--tRNA ligase; tyrosyl-tRNA synthetase, cytoplasmic
UniProt Protein Name	Tyrosine--tRNA ligase, cytoplasmic
UniProt Gene Name	YARS
UniProt Synonym Gene Names	TyrRS
UniProt Entry Name	SYYC_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/yars-tyrosyl-trna-synthetase-tyrrs-antibody-immunoprecipitation-western-blot-elisa/213082>