

Rabbit YARS Polyclonal Antibody | anti-YARS antibody

YARS antibody

CATALOG # AAA302563	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, Western Blot
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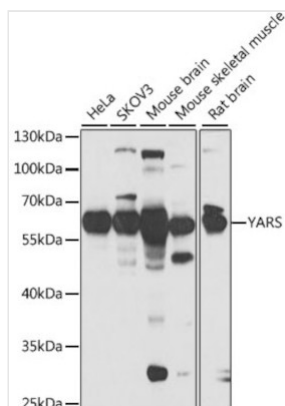
PRODUCT SYNONYMS

YARS; Polyclonal Antibody; YARS antibody; YRS; YTS; TYRRS; CMTDIC; anti-YARS antibody

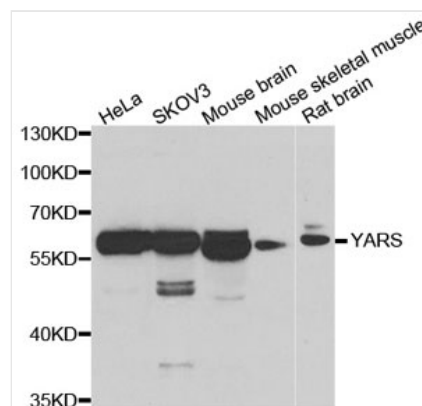
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total YARS protein
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.5 mg/ml (varies by lot)
Sequence Length	528
Applicable Applications for anti-YARS antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human YARS.
Target Name	YARS
Preparation and Storage	Store at -20 degree C

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using YARS at 1:1000 dilution.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using YARS antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-YARS antibody	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. Tyrosyl-tRNA synthetase belongs to the class I tRNA synthetase family. Cytokine activities have also been observed for the human tyrosyl-tRNA synthetase, after it is split into two parts, an N-terminal fragment that harbors the catalytic site and a C-terminal fragment found only in the mammalian enzyme. The N-terminal fragment is an interleukin-8-like cytokine, whereas the released C-terminal fragment is an EMAP II-like cytokine.
Product Categories/Family for anti-YARS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507947
NCBI GeneID	8565
NCBI Accession #	NP_003671.1
NCBI GenBank Nucleotide #	NM_003680.3
UniProt Accession #	P54577; O43276; Q53EN1; B3KWK4; D3DPQ4
Molecular Weight	SDS-PAGE MW: 59 kD
NCBI Official Full Name	tyrosine--tRNA ligase, cytoplasmic
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
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-antibody-immunoprecipitation-western-blot-elisa/302563>