

Rabbit YARS Polyclonal Antibody | anti-YARS antibody

YARS Polyclonal Antibody

CATALOG # AAA279846	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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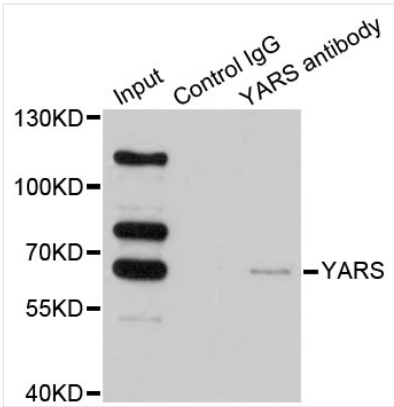
PRODUCT SYNONYMS

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

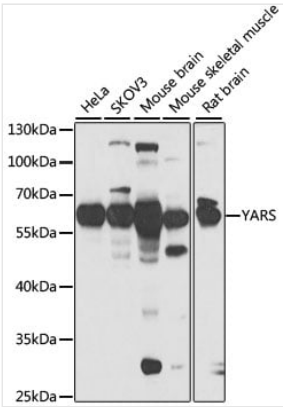
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	528
Applicable Applications for anti-YARS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human YARS
Calculated Molecular Weight	59kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IP (Immunoprecipitation)
Immunoprecipitation analysis of 200ug extracts of HeLa cells using 1ug YARS antibody. Western blot was performed from the immunoprecipitate using YARS antibody at a dilution of 1:1000.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using YARS antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	13638438
NCBI GeneID	8565
UniProt Accession #	P54577; O43276; Q53EN1; B3KWK4; D3DPQ4
Molecular Weight	528
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; tyrosyl--tRNA ligase; tyrosine tRNA ligase 1, cytoplasmic; 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-antibody-immunohistochemistry-western-blot-elisa/279846>