

Rabbit anti-Human Tyrosine-tRNA ligase Polyclonal Antibody | anti-YARS2 antibody

Rabbit anti-human Tyrosine-tRNA ligase, mitochondrial polyclonal Antibody(YARS2)

CATALOG # AAA118826	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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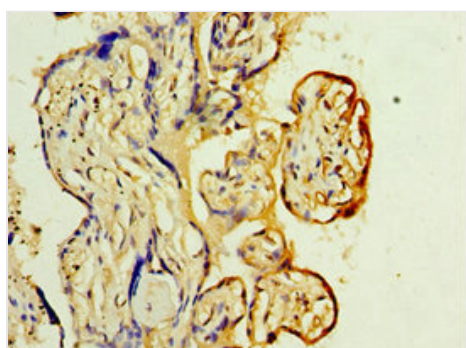
PRODUCT SYNONYMS

Tyrosine-tRNA ligase; Polyclonal Antibody; Rabbit anti-human Tyrosine-tRNA ligase; mitochondrial polyclonal Antibody(YARS2); Tyrosyl-tRNA synthetase; TyrRS; YARS2; anti-YARS2 antibody

PRODUCT SPECIFICATIONS

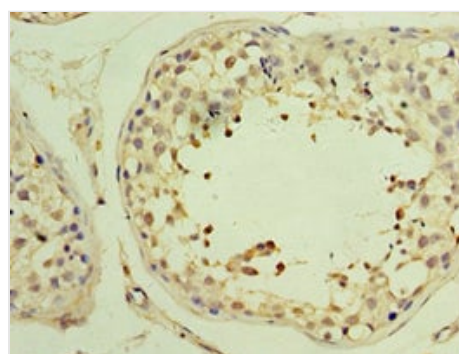
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	477
Applicable Applications for anti-YARS2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Tyrosine--tRNA ligase, mitochondrial protein (228-477aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-130587
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



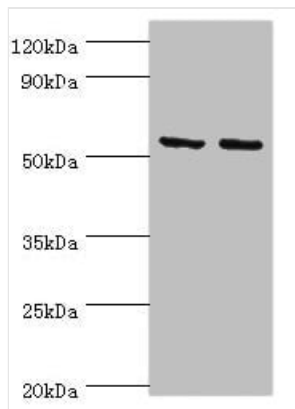
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA118826 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA118826 at dilution 1:100



WB (Western Blot)

All lanes: Tyrosine--tRNA ligase, mitochondrial antibody at 15ug/ml
 Lane 1: K562 whole cell lysate
 Lane 2: HepG2 whole cell lysate
 Secondary: Goat polyclonal to rabbit at 1/10000 dilution
 Predicted band size: 53kDa
 Observed band size: 53kDa

ADDITIONAL INFORMATION

Related Product Information for anti-YARS2 antibody	Catalyzes the attachment of tyrosine to tRNA(Tyr) in a two-step reaction: tyrosine is first activated by ATP to form Tyr-AMP and then transferred to the acceptor end of tRNA(Tyr).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94681057
NCBI GeneID	51067
NCBI Accession #	NP_001035526.1
NCBI GenBank Nucleotide #	NM_001040436.2
UniProt Accession #	Q9Y2Z4; Q9H817; D3DUW8
Molecular Weight	53,199 Da
NCBI Official Full Name	tyrosine--tRNA ligase, mitochondrial
NCBI Official Synonym Full Names	tyrosyl-tRNA synthetase 2
NCBI Official Symbol	YARS2
NCBI Official Synonym Symbols	TYRRS; CGI-04; MLASA2; MT-TYRRS
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_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.