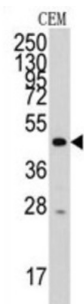
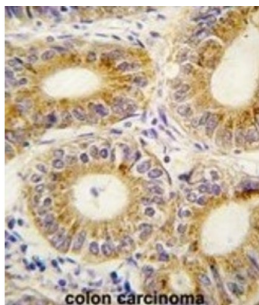


Tyrosine-tRNA Ligase, Mitochondrial (YARS2) Antibody

Catalogue No.: abx033709



YARS2 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).

Target: Tyrosine-tRNA Ligase, Mitochondrial (YARS2)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 399-427 amino acids from the C-terminal region of human YARS2.

Isotype: IgG

Form: Liquid

Datasheet

Version: 2.0.0
Revision date: 16 Mar 2025



Purification:	Purified Rabbit Polyclonal Antibody.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9Y2Z4 (UniProt , ExPASy)
Gene Symbol:	YARS2
GeneID:	51067
OMIM:	610957
NCBI Accession:	NP_001035526.1
HGNC:	24249
KEGG:	hsa:51067
Ensembl:	ENSG00000139131
String:	9606.ENSP00000320658
Molecular Weight:	Calculated MW: 53.2 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse and Rat YARS2.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.