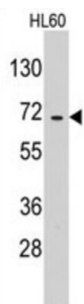
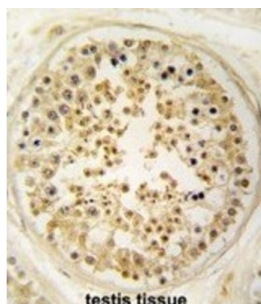


Probable Glutamate-tRNA Ligase, Mitochondrial (EARS2) Antibody

Catalogue No.: abx033484



Glutamyl-tRNA synthetase (GluRS or EARS2) a class I aminoacyl-tRNA synthetase (aaRS), is primarily responsible for the glutamylation of tRNA^{Glu}. It is part of the "minimal set" of seventeen aaRSs found in every living organism and its presence is essential for the viability of cells.

Target: Probable Glutamate-tRNA Ligase, Mitochondrial (EARS2)

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 495-523 amino acids from the C-terminal region of human EARS2.

Isotype: IgG

Form: Liquid

Datasheet

Version: 3.0.0
Revision date: 06 Mar 2025



Purification:	Purified Rabbit Polyclonal Antibody.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q5JPH6 (UniProt , ExPASy)
KEGG:	hsa:124454
String:	9606.ENSP00000395196
Molecular Weight:	Calculated MW: 58.7 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only