

Product datasheet for **TA349599**

YARS2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: NIH/3T3, A172, HepG2, K562 and Hela cells IHC: 25-100 Positive control: Human gastric cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human YARS2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	53 kDa
Gene Name:	tyrosyl-tRNA synthetase 2
Database Link:	NP_001035526 Entrez Gene 70120 Mouse Entrez Gene 287924 Rat Entrez Gene 51067 Human Q9Y2Z4
Background:	This gene encodes a mitochondrial protein that catalyzes the attachment of tyrosine to tRNA(Tyr). Mutations in this gene are associated with myopathy with lactic acidosis and sideroblastic anemia type 2 (MLASA2).
Synonyms:	CGI-04; MLASA2; MT-TYRRS; TYRRS

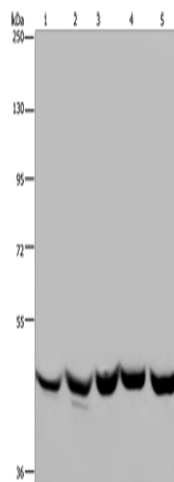


[View online »](#)

Protein Families: Druggable Genome

Protein Pathways: Aminoacyl-tRNA biosynthesis

Product images:



Gel: 6%SDS-PAGE

Lysate: 40 μ g

Lane 1-5: NIH/3T3 cells

A172 cells

HepG2 cells

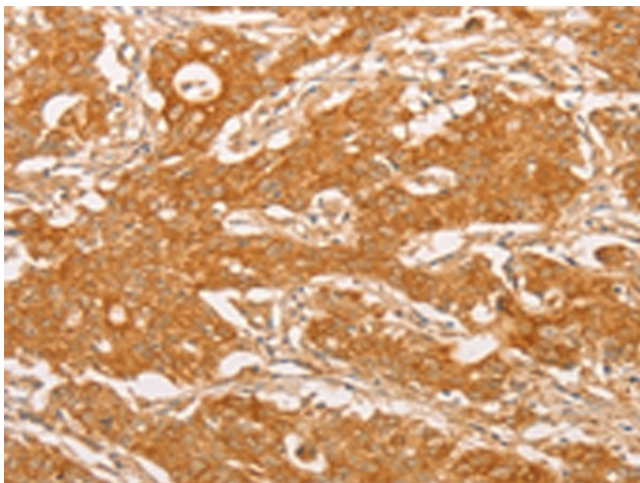
K562 cells

Hela cells

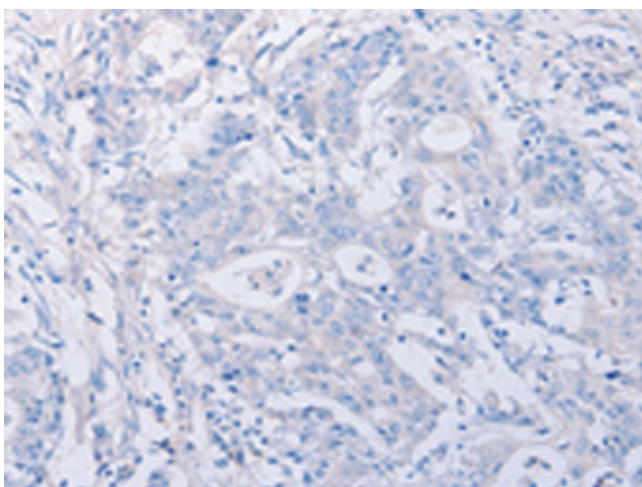
Primary antibody: TA349599 (YARS2 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

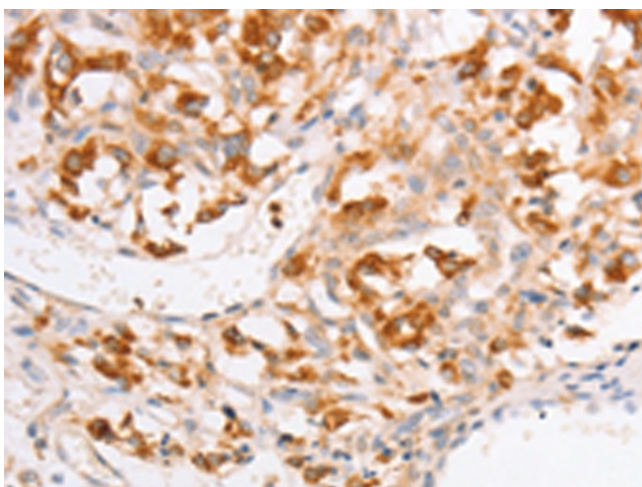
Exposure time: 30 seconds



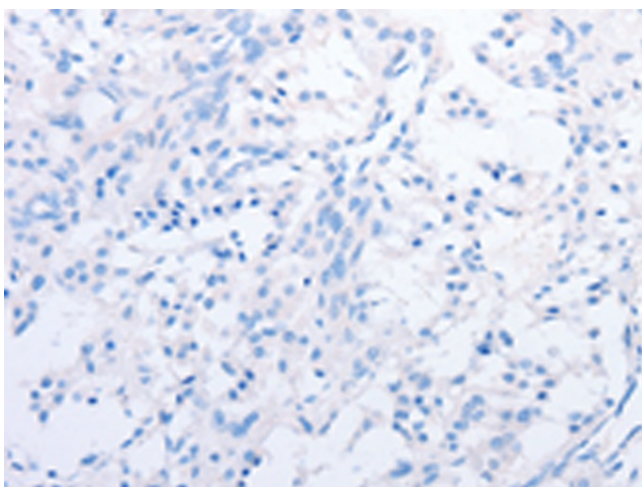
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA349599 (YARS2 Antibody) at dilution 1/20 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA349599 (YARS2 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349599 (YARS2 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349599 (YARS2 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)