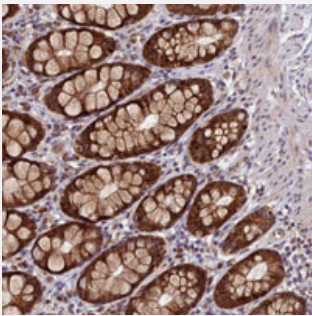


EARS2 polyclonal antibody

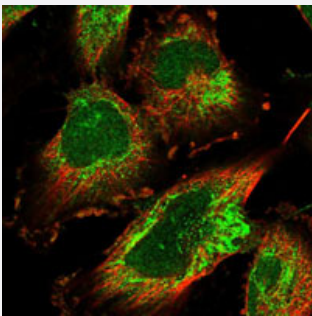
Catalog # PAB28146 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human rectum with EARS2 polyclonal antibody (Cat # PAB28146) shows strong cytoplasmic and nuclear positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of human cell line U251 MG with EARS2 polyclonal antibody (Cat # PAB28146) at 1-4 ug/mL dilution shows positivity in nucleus but not nucleoli and mitochondria.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant EARS2.
Immunogen	Recombinant protein corresponding to amino acids of recombinant EARS2.
Sequence	YQGSFILRLTDQTRVVPGAAENIEDMLEWAGIPPDESPRRGGPAGPYQQSQRLELYAQATEAL LKTGAAYPCFCSPQ
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:500-1:1000) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human rectum with EARS2 polyclonal antibody (Cat # PAB28146) shows strong cytoplasmic and nuclear positivity in glandular cells.

- Immunofluorescence

Immunofluorescent staining of human cell line U251 MG with EARS2 polyclonal antibody (Cat # PAB28146) at 1-4 ug/mL dilution shows positivity in nucleus but not nucleoli and mitochondria.

Gene Info — EARS2

Entrez GeneID	124454
Protein Accession#	Q5JPH6
Gene Name	EARS2
Gene Alias	KIAA1970, MSE1
Gene Description	glutamyl-tRNA synthetase 2, mitochondrial (putative)
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	glutamate tRNA ligase 2, mitochondrial (putative) glutamyl tRNA synthetase 2

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Metabolic pathways](#)
- [Porphyrin and chlorophyll metabolism](#)