

Datasheet for ABIN5576959

anti-EARS2 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	EARS2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EARS2 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit polyclonal antibody raised against recombinant EARS2.
Immunogen:	Recombinant protein corresponding to amino acids of recombinant EARS2.
Sequence:	YQGSFILRLE DTDQTRVVPV AAENIEDMLE WAGIPPDESP RRGGPAGPYQ QSQRLELYAQ ATEALLKTGA AYPFCFCSPQ
Isotype:	IgG
Cross-Reactivity:	Human

Target Details

Target:	EARS2
Alternative Name:	EARS2 (EARS2 Products)
Background:	Full Gene Name: glutamyl-tRNA synthetase 2, mitochondrial (putative)

Target Details

Synonyms: KIAA1970,MSE1

Gene ID: 124454

Application Details

Application Notes: Immunohistochemistry (1:500-1:1000)
Immunofluorescence (1-4 µg/mL)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS, pH 7.2 (40 % glycerol, 0.02 % sodium azide)

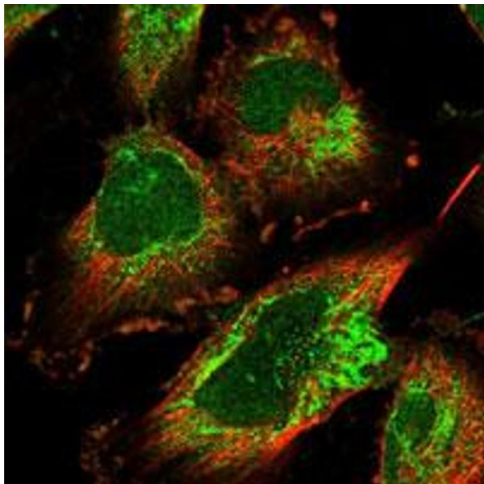
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

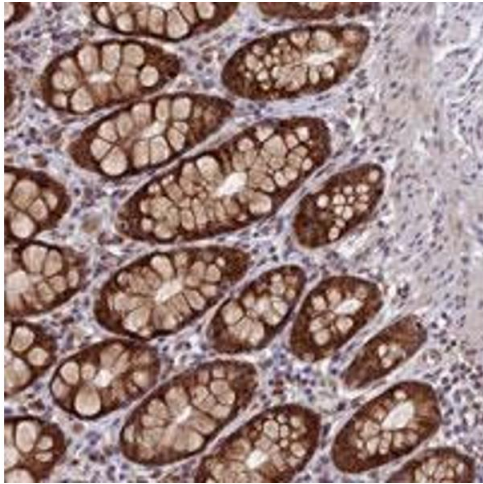
Storage Comment: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Images



Immunofluorescence

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



Immunohistochemistry

Image 2. Immunohistochemical staining of human rectum with EARS2 polyclonal antibody shows strong cytoplasmic and nuclear positivity in glandular cells.