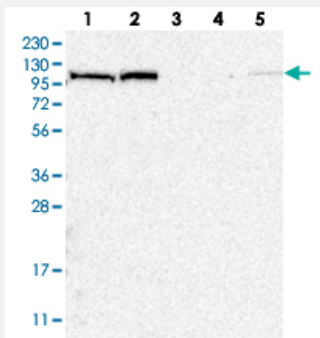


IARS2 polyclonal antibody

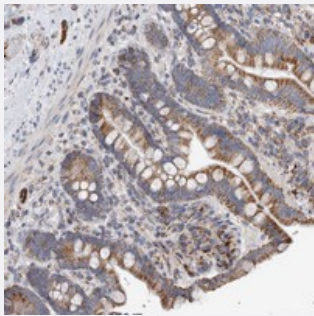
Catalog # PAB21718 Size 100 uL

Applications



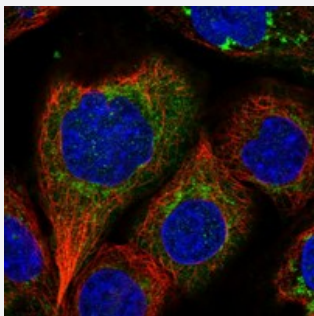
Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with IARS2 polyclonal antibody (Cat # PAB21718) at 1:250-1:500 dilution.



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

Immunohistochemical staining of human colon with IARS2 polyclonal antibody (Cat # PAB21718) shows strong cytoplasmic positivity with a granular pattern in glandular cells at 1:10-1:20 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with IARS2 polyclonal antibody (Cat # PAB21718) at 1-4 ug/mL dilution shows positivity in mitochondria.

Specification

Product Description

Rabbit polyclonal antibody raised against recombinant IARS2.

Immunogen

Recombinant protein corresponding to amino acids of human IARS2.

Sequence	ALNGMVEEMDRRPYWCISRQRVWGVPVVFHHKTKDEYLINSQTTEHIVKLVEQHGSDIWWTLPP EQLLPKEVLSEVGGPDALEYVPGQD
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:10-1:20) Western Blot (1:250-1:500) 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

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Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with IARS2 polyclonal antibody (Cat # PAB21718) at 1:250-1:500 dilution.

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Gene Info — IARS2

Entrez GeneID [55699](#)

Protein Accession# [Q9NSE4](#)

Gene Name	IARS2
Gene Alias	FLJ10326
Gene Description	isoleucyl-tRNA synthetase 2, mitochondrial
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	isoleucine tRNA ligase 2, mitochondrial isoleucine-tRNA synthetase 2, mitochondrial mitochondrial isoleucine tRNA synthetase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Valine](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)