

IARS2 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20876b

Specification

IARS2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9NSE4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	113792

IARS2 Antibody (N-term) - Additional Information

Gene ID 55699

Other Names

Isoleucine--tRNA ligase, mitochondrial, Isoleucyl-tRNA synthetase, IleRS, IARS2

Target/Specificity

This IARS2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 51-82 amino acids from the N-terminal region of human IARS2.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IARS2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

IARS2 Antibody (N-term) - Protein Information

Name IARS2 ([HGNC:29685](#))

Function Aminoacyl-tRNA synthetase that catalyzes the specific attachment of isoleucine to its cognate tRNA (tRNA(Ile)).

Cellular Location

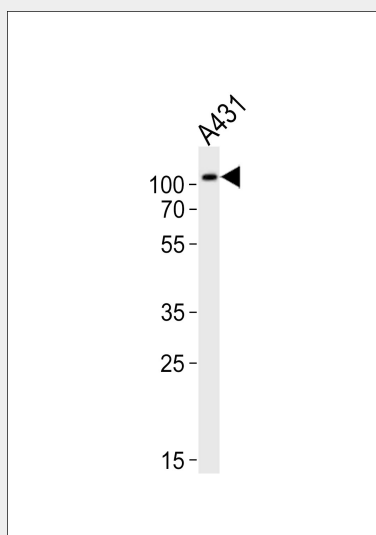
Mitochondrion matrix.

IARS2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IARS2 Antibody (N-term) - Images



Western blot analysis of lysate from A431 cell line, using IARS2 Antibody (N-term)(Cat. #AP20876b). AP20876b was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

IARS2 Antibody (N-term) - References

- Shan Y.X., et al. Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.
Gregory S.G., et al. Nature 441:315-321(2006).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Shiba K., et al. Submitted (FEB-1994) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).