

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

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**IARS2 Antibody (N-term) - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">O9NSE4</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Calculated MW	<b>113792</b>

**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**

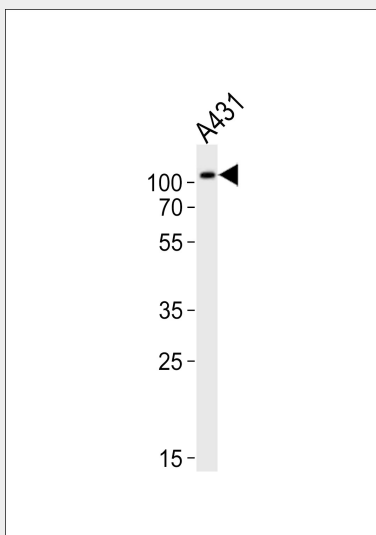
Mitochondrion matrix.

### 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).