

**IARS2 Antibody (aa71-120)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15484****Specification**

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**IARS2 Antibody (aa71-120) - Product Information**

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Application       | WB, IHC-P, IF, E                                   |
| Primary Accession | <a href="#">Q9NSE4</a>                             |
| Reactivity        | Human, Mouse                                       |
| Host              | Rabbit                                             |
| Clonality         | Polyclonal                                         |
| Calculated MW     | 114kDa KDa                                         |
| Dilution          | WB~~1:1000<br>IHC-P~~N/A<br>IF~~1:50~200<br>E~~N/A |

**IARS2 Antibody (aa71-120) - Additional Information****Gene ID** 55699**Other Names**

Isoleucine--tRNA ligase, mitochondrial, 6.1.1.5, Isoleucyl-tRNA synthetase, IleRS, IARS2

**Target/Specificity**

IARS2 Antibody detects endogenous levels of total IARS2 protein.

**Reconstitution & Storage**

Store at -20°C for up to one year.

**Precautions**

IARS2 Antibody (aa71-120) is for research use only and not for use in diagnostic or therapeutic procedures.

**IARS2 Antibody (aa71-120) - 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.

**Volume**

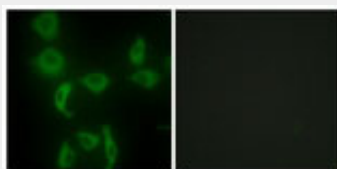
50 µl

## IARS2 Antibody (aa71-120) - Protocols

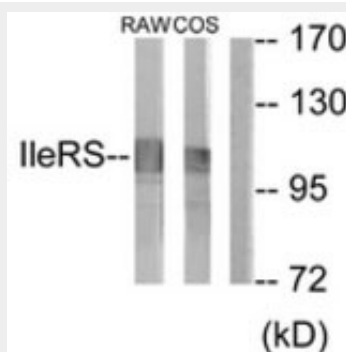
Provided below are standard protocols that you may find useful for product applications.

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

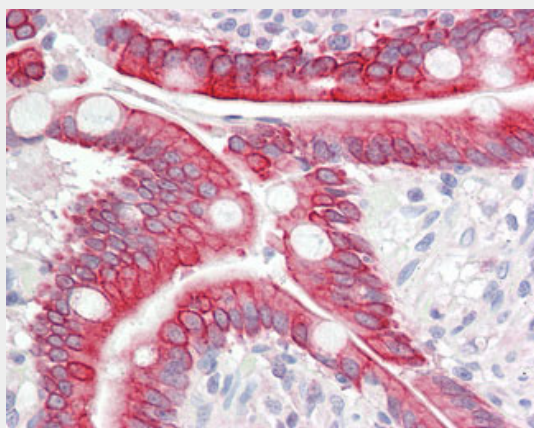
## IARS2 Antibody (aa71-120) - Images



Immunofluorescence of HepG2 cells, using IARS2 Antibody.



Western blot of extracts from RAW264.7/COS7 cells, using IARS2 Antibody.



Anti-IARS2 antibody IHC of human small intestine.

## IARS2 Antibody (aa71-120) - 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).