

IARS2 Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50824**Specification**

IARS2 Antibody - Product Information

Application	IF, WB, IHC
Primary Accession	O9NSE4
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	114 KDa
Antigen Region	85-113

IARS2 Antibody - Additional Information**Gene ID** 55699**Other Names**

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

Dilution

IF~~1:100

WB~~ 1:1000

IHC~~1:50~100

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

IARS2 Antibody - 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

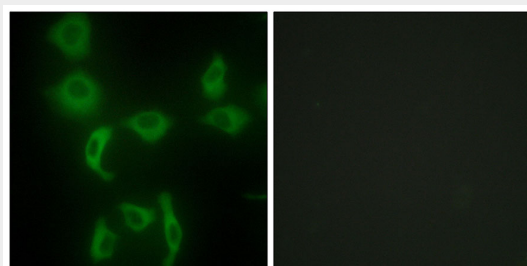
Mitochondrion matrix.

IARS2 Antibody - Protocols

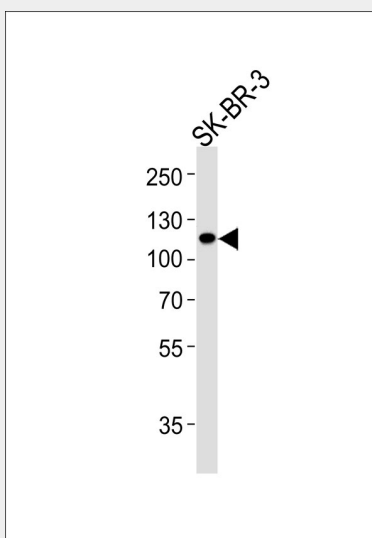
Provided below are standard protocols that you may find useful for product applications.

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

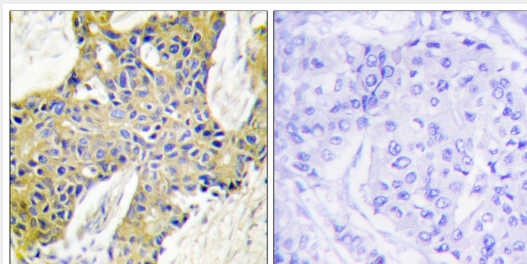
IARS2 Antibody - Images



Immunofluorescence analysis of HepG2 cells, using IARS2 antibody.



Western blot analysis of lysate from SK-BR-3 cell line, using IARS2 Antibody, was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using IARS2 antibody.

IARS2 Antibody - 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).