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IARS2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50824

Product Information

Application	WB, IF, IHC
Primary Accession	Q9NSE4
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Calculated MW	113792

Additional Information

Gene ID	55699
Other Names	Isoleucine--tRNA ligase, mitochondrial, Isoleucyl-tRNA synthetase, IleRS, IARS2
Dilution	WB~~ 1:1000 IF~~1:100 IHC~~1:50~100
Format	Rabbit 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℃

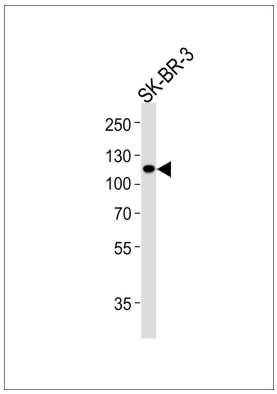
Protein Information

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.

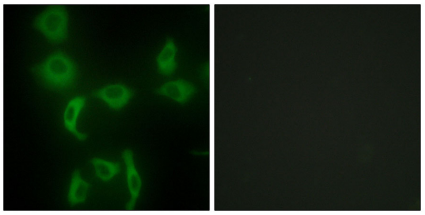
References

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Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
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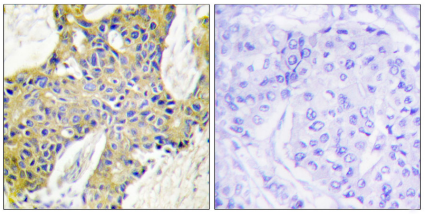
Images



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.



Immunofluorescence analysis of HepG2 cells, using IARS2 antibody.



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.