

Rabbit anti-Human, Mouse IARS2 Polyclonal Antibody | anti-IARS2 antibody

IARS2 Antibody

CATALOG # AAA301100	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

IARS2; Polyclonal Antibody; IARS2 Antibody; EC 6.1.1.5; isoleucine-tRNA synthetase 2; mitochondrial; anti-IARS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total IARS2 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1012
Applicable Applications for anti-IARS2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human IARS2.
Target Name	IARS2
Preparation and Storage	Store at -20 degree C

IMAGES



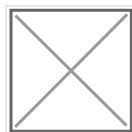
IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using IARS2 antibody.



IHC (Immunohistochemistry)

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



WB (Western Blot)

Western blot analysis of extracts from RAW264.7 cells and COS-7 cells, using IARS2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IARS2 antibody	Belongs to the class-I aminoacyl-tRNA synthetase family.Gregory S.G., Nature 441:315-321(2006).Ota T.,Nat. Genet. 36:40-45(2004).Olsen J.V., Cell 127:635-648(2006).
Product Categories/Family for anti-IARS2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	46852147
NCBI GeneID	55699
NCBI Accession #	NP_060530.3
NCBI GenBank Nucleotide #	NM_018060.3
UniProt Accession #	Q9NSE4; Q1M2P9; Q6PI85; Q7L439; Q86WU9; Q96D91; Q9H9Q8; Q9NW42; B2RPG8
Molecular Weight	113,792 Da
NCBI Official Full Name	isoleucine--tRNA ligase, mitochondrial
NCBI Official Synonym Full Names	isoleucyl-tRNA synthetase 2, mitochondrial
NCBI Official Symbol	IARS2
NCBI Official Synonym Symbols	ILERS; CAGSSS
NCBI Protein Information	isoleucine--tRNA ligase, mitochondrial
UniProt Protein Name	Isoleucine--tRNA ligase, mitochondrial
UniProt Gene Name	IARS2
UniProt Synonym Gene Names	IleRS
UniProt Entry Name	SYIM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/iars2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301100>