

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

IARS2 Antibody

CATALOG # AAA110361	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
-------------------------------	-----------------------------------	--

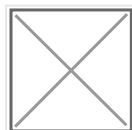
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

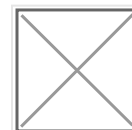
Reactivity	Human, Mouse
Specificity	IARS2 antibody detects endogenous levels of total IARS2 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1012
Applicable Applications for anti-IARS2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human IARS2.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



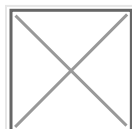
IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of HepG2 cells, using IARS2 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using IARS2 antibody. Western blot analysis of extracts from RAW264.7 cells and COS-7 cells, using IARS2 antibody.



Application Data

Peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-IARS2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Gregory S.G., Nature 441:315-321(2006). Ota T., Nat. Genet. 36:40-45(2004). Olsen J.V., Cell 127:635-648(2006).

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

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/human-mouse-antibody/iars2/110361>