

Rabbit IARS2 Polyclonal Antibody | anti-IARS2 antibody

Anti-IARS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA292419	Rabbit	Human, Mouse, Rat, Monkey	Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Western Blot

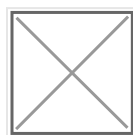
PRODUCT SYNONYMS

IARS2; Polyclonal Antibody; Anti-IARS2 Antibody; Isoleucine--tRNA ligase mitochondrial; Isoleucyl-tRNA synthetase; IleRS; anti-IARS2 antibody

PRODUCT SPECIFICATIONS

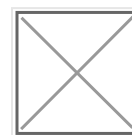
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Applicable Applications for anti-IARS2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



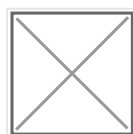
IF (Immunofluorescence)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100)



IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100) Immunohistochemical analysis of IARS2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100) Western blot analysis of IARS2 expression in HEK293T (A), Hela (B), H446 (C), mouse kidney (D), mouse testis (E), rat kidney (F), rat testis (G) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-IARS2 antibody	Rabbit polyclonal antibody to IARS2 KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IARS2. The exact sequence is proprietary.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46852147
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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
NCBI Protein Information	isoleucine--tRNA ligase, mitochondrial; isoleucine tRNA ligase 2, mitochondrial; isoleucyl-tRNA synthetase, mitochondrial; mitochondrial isoleucine tRNA synthetase; isoleucine-tRNA synthetase 2, 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/iars2-antibody-immunohistochemistry-immunofluorescence-immunoprecipitation-western-blot-elisa/292419>