

Mouse anti-Human LysRS Monoclonal Antibody | anti-LysRS antibody

LysRS Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320147	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

LysRS; Monoclonal Antibody; LysRS Monoclonal Antibody; Lysyl-tRNA synthetase; KARS; KIAA0070; Lysine--tRNA ligase; anti-LysRS antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	LysRS Monoclonal Antibody detects endogenous levels of LysRS protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-LysRS antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of LysRS(aa90-174) expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human cervical carcinoma. showing cytoplasmic localization with DAB staining using LysRS Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using LysRS Monoclonal Antibody against truncated Trx-LysRS recombinant protein (1), truncated MBP-LysRS (aa90-174) and full length LysRS (aa1-188) transfected CHO-K1 cell lysate (3).

ADDITIONAL INFORMATION

Related Product Information for anti-LysRS antibody	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. Lysyl-tRNA synthetase is a homodimer localized to the cytoplasm which belongs to the class II family of tRNA synthetases. It has been shown to be a target of autoantibodies in the human autoimmune diseases, polymyositis or dermatomyositis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-LysRS antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	194272210
NCBI GeneID	3735
NCBI Accession #	NP_001123561.1
NCBI GenBank Nucleotide #	NM_001130089.1
UniProt Accession #	Q15046; O14946; Q96J25; Q9HB23; A8MSK1; D3DUK4
Molecular Weight	71,497 Da
NCBI Official Full Name	lysine--tRNA ligase isoform 1
NCBI Official Synonym Full Names	lysyl-tRNA synthetase
NCBI Official Symbol	KARS
NCBI Official Synonym Symbols	KRS; KARS1; KARS2; CMTRIB; DFNB89
NCBI Protein Information	lysine--tRNA ligase; lysRS; lysine tRNA ligase
UniProt Protein Name	Lysine--tRNA ligase
UniProt Gene Name	KARS
UniProt Synonym Gene Names	KIAA0070; LysRS
UniProt Entry Name	SYK_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/monoclonal/lysrs-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/320147>