

Anti-KARS antibody (298-597) (STJ115717)
STJ115717

GENERAL INFORMATION

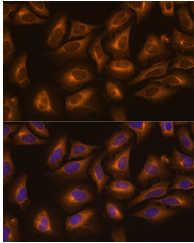
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

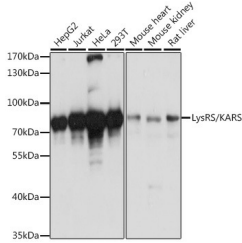
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	3735
Gene Symbol	KARS1
Uniprot ID	SYK_HUMAN
Immunogen	
Immunogen Region	298-597
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 298-597 of human LysRS/LysRS/KARS (NP_005539.1).
Immunogen Sequence	IAPELYHKMLVVGIDRVYE IGRQFRNEGIDLTHNPEFTT CEFY MAYADYHDLMEITEKM VSGMVKHITGSYKVITYHPDG PEGQAYDVDFTPPFRINMV EELEKALGMKLPETNLFETE ETRKILDDICVAKAVECPPP RTTARLLDKLVGEFLEVTCI NPTFICDHPQIMSP LAKWHR SKEGLTERFELFVMKKEICN AYTELNDPMRQRLFEEQAK AKAAGDDEAMFIDENFCTA



Immunofluorescence analysis of U-2 OS cells using LysRS/LysRS/KARS Rabbit polyclonal antibody (STJ115717) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using LysRS/KARS Rabbit polyclonal antibody (STJ115717) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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