

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

GENERAL INFORMATION

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

PRODUCT PROPERTIES

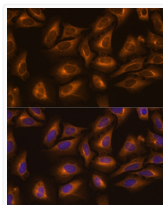
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 68kDa Observed Mw: 75kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

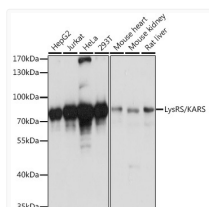
Gene ID	3735
Gene Symbol	KARS1
UniProt ID	SYK_HUMAN
Immunogen Region	298-597
Immunogen Sequence	IAPELYHKMLVVGIDRVYE IGRQFRNEGIDLTHNPEFTT CEFYMAYADYHDLMEITEKM VSGMVKHITGSYKVTYHPDG PEGQAYDVFDTPPFRRINMV EELEKALGMKLPETNLFETE ETRKILDDICVAKAVECPPP RTTARLLDKLVGEFLEVTCI NPTFICDHPQIMSPLAKWHR SKEGLTERFELFVMKKEICN AYTELNDPMRQRQLFEEQAK AKAAGDDEAMFIDENFCTA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 298-597 of human LysRS/LysRS/KARS (NP_005539.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



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 (STJ11517) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.