

Manufacturer/Supplier:

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Product name: Rabbit anti-CARS Antibody

Catalog: DL96267A

Synonyms: Cysteine--tRNA ligase, cytoplasmic;
CysteinyI-tRNA synthetase; CysRS

Immunogen: Recombinant full length protein of human CARS

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Rabbit

Reactivity: Human

Application: WB, IHC, IF/IC

Clonality: Polyclonal

Dilution: WB (1/500 - 1/2000),
IHC (1/50 - 1/200), IF/IC (1/10 -
1/100)

Entrez Gene: 833

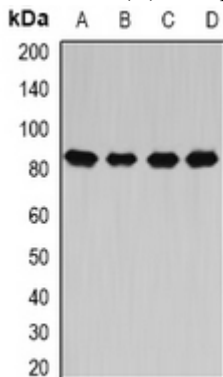
SwissProt: P49589

Purification: The antibody was purified by immunogen affinity chromatography.

Buffer: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of CARS expression in Hela (A), MCF7 (B), mouse liver (C), rat spinal cord (D) whole cell lysates.



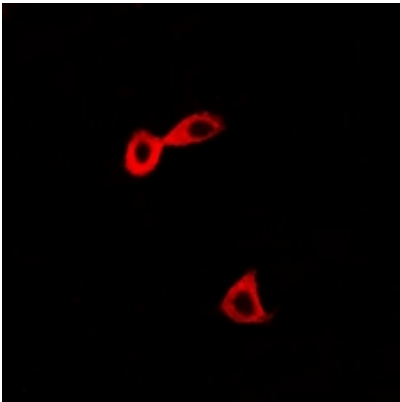
IHC description:

Immunohistochemical analysis of CARS staining in mouse heart

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.

IF/ICC description:

Immunofluorescent analysis of CARS staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i



Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.