For Research Use Only

KARS
Polyclonal ANTIBODY
Catalog Number: 14951-1-AP

Catalog Number:
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Size:
47 μg/150 μl
Source:
Rabbit
Isotype:
IgG
Purification Method:
Antigen affinity purification
Immunogen Catalog Number:
AG6778

Recommended Dilutions:
WB: 1:1000-1:4000
IHC: 1:20-1:200
IF: 1:50-1:500

GenBank Accession Number:
BC004132
GeneID (NCBI):
3735

Full Name:
lysyl-tRNA synthetase
Calculated MW:
68 kDa
Observed MW:
68 kDa

Applications
Tested Applications:
IF, IHC, WB, ELISA
Cited Applications:
IF, WB
Species Specificity:
human, mouse, rat
Cited Species:
human, zebrafish

Background Information

Storage
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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Journal
Hum Mutat
Clin Genet
Front Cell Infect Microbiol

Application
WB
WB
IF

Notable Publications

Recommended Dilutions:

Positive Controls:
WB: HEK-293T cells; HeLa cells, Jurkat cells, human colon tissue
IHC: human placenta tissue;
IF: HeLa cells;

For technical support and original validation data for this product please contact:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Various lysates were subjected to SDS-PAGE followed by western blot with 14951-1-AP (KARS antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.

Immunohistochemical of paraffin-embedded human placenta using 14951-1-AP (KARS antibody) at dilution of 1:100 (under 10x lens) and 1:100 (under 40x lens).

Immunofluorescent analysis of -20°C Ethanol fixed HeLa cells using 14951-1-AP (KARS antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).