KARS
Polyclonal ANTIBODY
Catalog Number: 14951-1-AP

Basic Information
Catalog Number: 14951-1-AP
Size: 47 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Antigen Catalog Number: AG6778
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
Recommended Dilutions:
WB: 1:1000-1:4000
IHC: 1:20-1:200
IF: 1:50-1:500

Background Information
Notable Publications
<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
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<tr>
<td>Daniela Verrigni</td>
<td>27891585</td>
<td>Clin Genet</td>
<td>WB</td>
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<tr>
<td>Tian Luo</td>
<td>28553021</td>
<td>Front Cell Infect Microbiol</td>
<td>IF</td>
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<tr>
<td>Li Wang</td>
<td>29503206</td>
<td>Cell Chem Biol</td>
<td>WB</td>
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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.
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).

Immunohistochemical of paraffin-embedded human placenta using 14951-1-AP (KARS antibody) at dilution of 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)