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
Immunogen Catalog Number: AG6778

GenBank Accession Number: BC004132
GeneID (NCBI): 3735
Calculated MW: 68 kDa
Observed MW: 68 kDa

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

Applications

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

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 405-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Notable Publications

<table>
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<tr>
<th>Author</th>
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<tbody>
<tr>
<td>Benedetta Ruzzenente</td>
<td>30252186</td>
<td>Hum Mutat</td>
<td>WB</td>
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<tr>
<td>Daniela Verrigni</td>
<td>27891585</td>
<td>Clin Genet</td>
<td>WB</td>
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<td>Tian Luo</td>
<td>28533621</td>
<td>Front Cell Infect Microbiol</td>
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Positive Controls:
WB: HEK-293T cells; HeLa cells, Jurkat cells, human colon tissue
IHC: human placenta tissue;
IF: HeLa cells;
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)