For Research Use Only

CORO1C Polyclonal ANTIBODY

Catalog Number: 14749-1-AP

Basic Information

Catalog Number: 14749-1-AP
Size: 33 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG6488

GenBank Accession Number: BC002342
GeneID (NCBI): 23603
Full Name: coronin, actin binding protein, 1C
Calculated MW: 53 kDa
Observed MW: 57 kDa

Recommended Dilutions:
WB: 1:500-1:3000
IP: 0.5-4.0 μg for IP and 1:500-1:1000 for WB
IHC: 1:50-1:500
IF: 1:10-1:100

Recommended Applications:
Tested Applications: IF, IHC, IP, WB, ELISA
Cited Applications: IHC, WB

Species Specificity:
human, mouse, rat
Cited Species:
human, monkey, mouse

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

Applications

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Positive Controls:
WB: mouse heart tissue; human heart tissue, SGC-7901 cells, HeLa cells, mouse skeletal muscle tissue
IP: mouse skeletal muscle tissue;
IHC: human cervical cancer tissue;
IF: HepG2 cells;

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

Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melissa J Hoyer</td>
<td>30200490</td>
<td>Cell</td>
<td>WB</td>
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<td>Xin Jun Wang</td>
<td>31595425</td>
<td>Mol Cell Biochem</td>
<td>WB</td>
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<td>Wang Zhi-Gang ZG</td>
<td>23250207</td>
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For technical support and original validation data for this product please contact:
E: proteintechnic@ptglab.com
W: ptglab.com

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mouse heart tissue were subjected to SDS-PAGE followed by western blot with 14749-1-AP (CORO1C antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 14749-1-AP (CORO1C antibody) at dilution of 1:100 (under 10x lens) heat mediated antigen retrieved with Tris-EDTA buffer (pH 9).

Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 14749-1-AP (CORO1C antibody) at dilution of 1:100 (under 40x lens) heat mediated antigen retrieved with Tris-EDTA buffer (pH 9).

Immunofluorescent analysis of HepG2 cells, using CORO1C antibody 14749-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).

IP Result of anti-CORO1C (IP:14749-1-AP, 4ug; Detection:14749-1-AP 1:500) with mouse skeletal muscle tissue lysate 3600ug.