PKC epsilon Polyclonal ANTIBODY

Catalog Number: 20877-1-AP  7 Publications

Basic Information

- Catalog Number: 20877-1-AP
- Size: 44 μg/150 μl
- Source: Rabbit
- Isotype: IgG
- Purification Method: Antigen affinity purification
- Immunogen Catalog Number: AG14976
- GeneBank Accession Number: BC106033
- GeneID (NCBI): 5581
- Full Name: protein kinase C, epsilon
- Calculated MW: 737aa, 84 kDa
- Observed MW: 84 kDa

Recommended Dilutions:
- WB: 1:2000-1:6000
- IP: 0.5-4.0 µg for IP and 1:1000-1:1000 for WB
- IHC: 1:200-1:1000
- IF: 1:50-1:500

Applications

- Tested Applications: FC, IF, IHC, IP, WB, ELISA
- Cited Applications: WB
- Species Specificity: human, mouse
- Cited Species: human, mouse, rat

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

Background Information

贮存:
- 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

Storage

Positive Controls:
- WB: mouse brain tissue; SH-SY5Y cells
- IP: SH-SY5Y cells;
- IHC: human thyroid cancer tissue;
- IF: mouse brain tissue;

Notable Publications

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<th>Author</th>
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<tr>
<td>Yupeng Hu</td>
<td>27618634</td>
<td>Chem Biol Interact</td>
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<td>Xianyong Zhou</td>
<td>30356862</td>
<td>Biochim Biophys Acta Meth Cell Res</td>
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<td>Wei Zhao</td>
<td>25789289</td>
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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) 455-8498 (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.
Mouse brain tissue were subjected to SDS-PAGE followed by western blot with 20877-1-AP (PKC epsilon antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.

Immunohistochemical of paraffin-embedded human thyroid cancer using 20877-1-AP (PKC epsilon antibody) at dilution of 1:100 (under 10x lens).

Immunohistochemical of paraffin-embedded human thyroid cancer using 20877-1-AP (PKC epsilon antibody) at dilution of 1:100 (under 40x lens).

Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 20877-1-AP (PKC epsilon antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 20877-1-AP (PKC epsilon antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

IP Result of anti-PKC epsilon (IP:20877-1-AP, 4ug; Detection:20877-1-AP 1:800) with SH-SY5Y cells lysate 1600ug.

1x10^6 Jurkat cells were stained with 0.2ug PKC epsilon antibody (20877-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.