ZC3H4 Polyclonal ANTIBODY

Catalog Number: 20041-1-AP

Basic Information

- **Catalog Number:** 20041-1-AP
- **Size:** 150μL, Concentration: 167 μg/ml by Bradford method using BSA as the standard
- **Source:** Rabbit
- **Isotype:** IgG
- **GenBank Accession Number:** NM_015168
- **GeneID (NCBI):** 23211
- **Full Name:** zinc finger CCCH-type containing 4
- **Calculated MW:** 140 kDa
- **Observed MW:** 130-140 kDa
- **Purification Method:** Antigen affinity purification
- **Recommended Dilutions:**
  - WB: 1:500-1:1000
  - IHC: 1:20-1:200
  - IF: 1:10-1:100

Applications

- **Tested Applications:** IF, IHC, WB, ELISA
- **Cited Applications:** IF, WB
- **Species Specificity:** human, mouse
- **Cited Species:** mouse

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

Positive Controls:
- WB: mouse brain tissue, human brain tissue
- IHC: human cervical cancer tissue, Hela cells

Background Information

ZC3H4, also named as C19orf7 and KIAA1064, is a 140kd protein. The antibody can recognizes near the C-term of ZC3H4.

Notable Publications

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<tr>
<td>Rong Jiang</td>
<td>32218530</td>
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<td>Rong Jiang</td>
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<td>Xiyue Yang</td>
<td>29401612</td>
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Storage

- **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) 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.
Selected Validation Data

Mouse brain tissue were subjected to SDS PAGE followed by western blot with 20041-1-AP (ZC3H4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human cervical cancer using 20041-1-AP (ZC3H4 antibody) at dilution of 1:50 (under 40x lens).

Immunohistochemical analysis of paraffin-embedded human cervical cancer using 20041-1-AP (ZC3H4 antibody) at dilution of 1:50 (under 10x lens).

Immunofluorescent analysis of HeLa cells, using ZC3H4 antibody 20041-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).