

# Product Datasheet

## **TORC3/CRTC3 Antibody (JE63-18)** **NBP3-32226**

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32226**

TORC3/CRTC3 Antibody (JE63-18)

| Product Information     |  |
|-------------------------|--|
| Unit Size               | 100 ul   |
| Concentration           | 1 mg/ml  |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal   |
| Clone                   | JE63-18  |
| Preservative            | 0.05% Sodium Azide   |
| Isotype                 | IgG  |
| Purity                  | Protein A purified   |
| Buffer                  | 1*TBS (pH7.4), 0.05% BSA and 40% Glycerol  |
| Target Molecular Weight | 67 kDa   |

| Product Description |  |
|---------------------|--|
| Host                | Rabbit   |
| Gene ID             | 64784  |
| Gene Symbol         | CRTC3  |
| Species             | Human, Mouse, Rat, Monkey  |
| Immunogen           | Synthetic peptide within Human TORC3/CRTC3 aa 570-219 / 619. (Uniprot: Q6UUV7) |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry                     |
| Recommended Dilutions       | Western Blot 1:2000, Flow Cytometry 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:500 |



## Images

**Western Blot: TORC3/CRTC3 Antibody (JE63-18) [NBP3-32226]** - Western blot analysis of TORC3/CRTC3 on different lysates with Rabbit anti-TORC3/CRTC3 antibody (NBP3-32226) at 1/2,000 dilution.

Lane 1: HeLa cell lysate  
Lane 2: TT cell lysate  
Lane 3: Jurkat cell lysate  
Lane 4: HDLM-2 cell lysate  
Lane 5: HEK-293 cell lysate  
Lane 6: COS-1 cell lysate  
Lane 7: RAW264.7 cell lysate  
Lane 8: NIH/3T3 cell lysate  
Lane 9: PC-12 cell lysate  
Lane 10: C6 cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 67 kDa  
Observed band size: 75 kDa

Exposure time: 5 minutes;

4-20% SDS-PAGE gel.

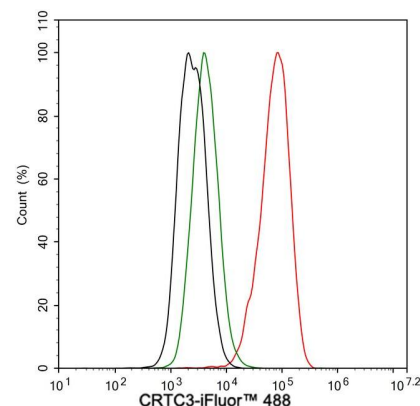
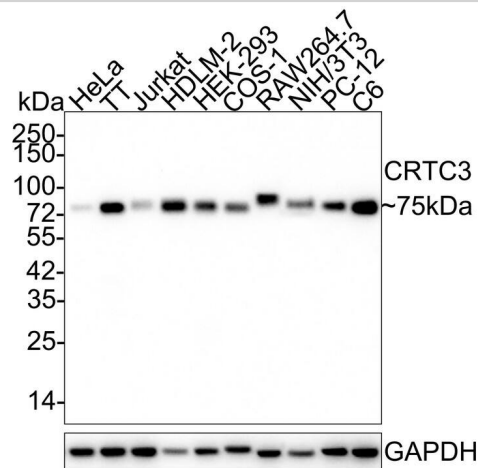
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32226) at 1/2,000 dilution was used in 5% NFDM/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

**Immunohistochemistry: TORC3/CRTC3 Antibody (JE63-18) [NBP3-32226]** - Immunohistochemical analysis of paraffin-embedded human brain tissue with Rabbit anti-TORC3/CRTC3 antibody (NBP3-32226) at 1/500 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32226) at 1/500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

**Flow Cytometry: TORC3/CRTC3 Antibody (JE63-18) [NBP3-32226]** - Flow cytometric analysis of TT cells labeling TORC3/CRTC3.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32226, 1 µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4 °C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4 °C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### **Products Related to NBP3-32226**

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|                    |   |
|--------------------|---|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00064784-Q01-10ug | Recombinant Human TORC3/CRTC3 GST (N-Term) Protein  |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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