

Product Datasheet

Transcription factor E3 Antibody (JE60-60) NBP3-33005

Unit Size: 100 ul

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

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NBP3-33005

Transcription factor E3 Antibody (JE60-60)

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	JE60-60
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	61 kDa

Product Description	
Description	Novus Biologicals Rabbit Transcription factor E3 Antibody (JE60-60) (NBP3-33005) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7030
Gene Symbol	TFE3
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Transcription factor E3 aa 150-499 / 575. (Uniprot: P19532)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:800



Images

Western Blot: Transcription factor E3 Antibody (JE60-60) [NBP3-33005]
- Western blot analysis of Transcription factor E3 on different lysates with Rabbit anti-Transcription factor E3 antibody (NBP3-33005) at 1/1,000 dilution.

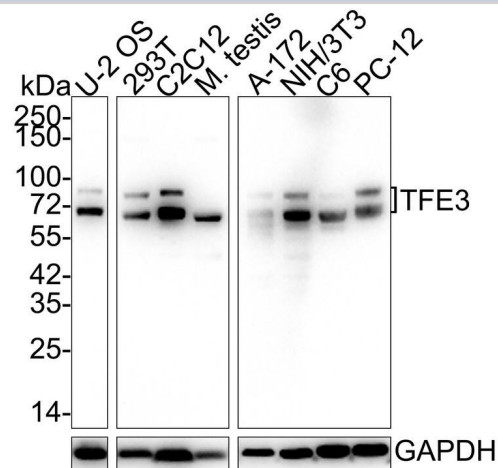
Lane 1: U-2 OS cell lysate (20 ug/Lane)
Lane 2: 293T cell lysate (20 ug/Lane)
Lane 3: C2C12 cell lysate (20 ug/Lane)
Lane 4: Mouse testis tissue lysate (40 ug/Lane)
Lane 5: A-172 cell lysate (30 ug/Lane)
Lane 6: NIH/3T3 cell lysate (30 ug/Lane)
Lane 7: C6 cell lysate (30 ug/Lane)
Lane 8: PC-12 cell lysate (30 ug/Lane)

Predicted band size: 61 kDa
Observed band size: 70/80 kDa

Exposure time: 3 minutes;

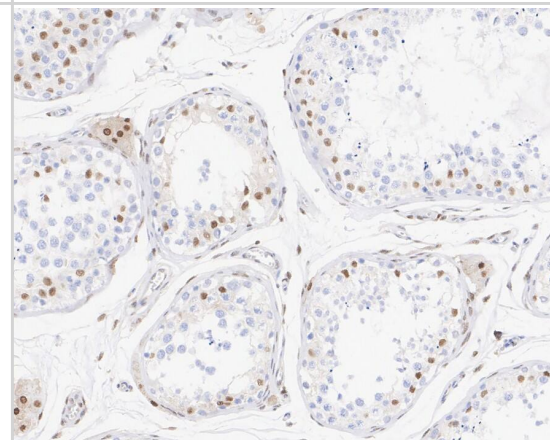
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-33005) at 1/1,000 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.



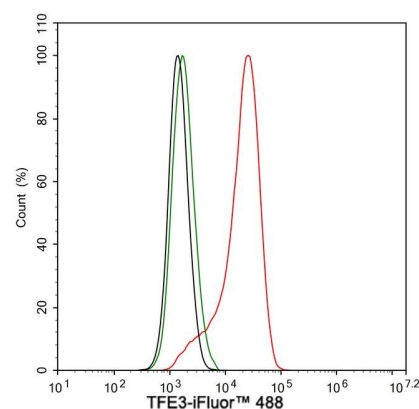
Immunohistochemistry: Transcription factor E3 Antibody (JE60-60) [NBP3-33005] - Immunohistochemical analysis of paraffin-embedded human testis tissue with Rabbit anti-Transcription factor E3 antibody (NBP3-33005) at 1/800 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-33005) at 1/800 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: Transcription factor E3 Antibody (JE60-60) [NBP3-33005] - Flow cytometric analysis of U-2 OS cells labeling Transcription factor E3.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-33005, 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 NBP3-33005

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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