

Product Datasheet

FoxC1 Antibody (PSH03-89)

NBP3-32347

Unit Size: 100 ul

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

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FoxC1 Antibody (PSH03-89)

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	PSH03-89
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	57 kDa
Product Description	
Host	Rabbit
Gene ID	2296
Gene Symbol	FOXC1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human FoxC1 aa 254-553 / 553. (Uniprot: Q12948)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:500



Images

Western Blot: FoxC1 Antibody (PSH03-89) [NBP3-32347] - Western blot analysis of FoxC1 on different lysates with Rabbit anti-FoxC1 antibody (NBP3-32347) at 1/2,000 dilution.

Lane 1: HeLa cell lysate
Lane 2: MDA-MB-231 cell lysate
Lane 3: C2C12 cell lysate
Lane 4: NIH/3T3 cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 57 kDa
Observed band size: 75 kDa

Exposure time: 1 minute 30 seconds;

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 (NBP3-32347) at 1/2,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

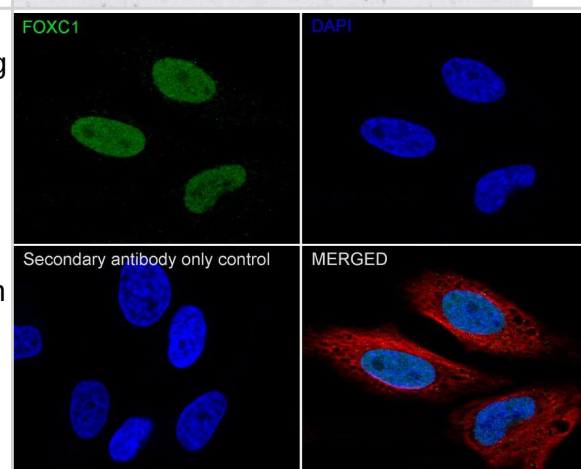
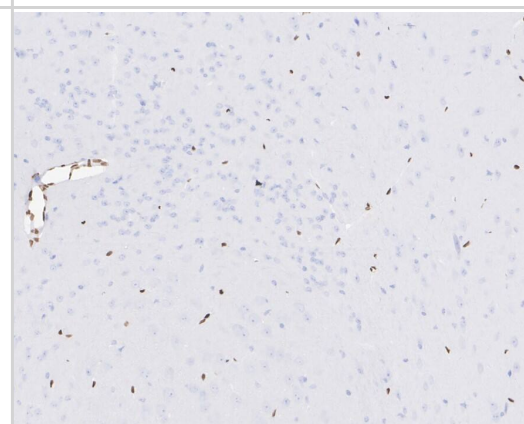
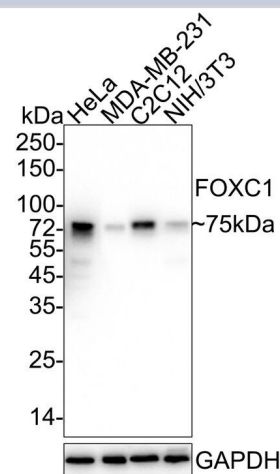
Immunohistochemistry: FoxC1 Antibody (PSH03-89) [NBP3-32347] - Immunohistochemical analysis of paraffin-embedded mouse brain tissue with Rabbit anti-FoxC1 antibody (NBP3-32347) at 1/500 dilution.

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 (NBP3-32347) 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.

Immunocytochemistry/ Immunofluorescence: FoxC1 Antibody (PSH03-89) [NBP3-32347] - Immunocytochemistry analysis of HeLa cells labeling FoxC1 with Rabbit anti-FoxC1 antibody (NBP3-32347) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-FoxC1 antibody (NBP3-32347) at 1/100 dilution in 1% BSA in PBST overnight at 4°C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4°C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32347

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-89025PEP	FoxC1 Recombinant Protein Antigen

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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