

Product Datasheet

Androgen R/NR3C4 Antibody (P000-29) NBP3-32035

Unit Size: 100 ul

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

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NBP3-32035

Androgen R/NR3C4 Antibody (PO00-29)

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	PO00-29
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	99 kDa

Product Description	
Host	Rabbit
Gene ID	367
Gene Symbol	AR
Species	Human, Rat
Immunogen	Synthetic peptide within Human Androgen R/NR3C4 aa 300-400 (N terminal). (Uniprot: P10275)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:200-1:1000-1:200



Images

Western Blot: Androgen R/NR3C4 Antibody (PO00-29) [NBP3-32035] - Western blot analysis of Androgen R/NR3C4 on different lysates with Rabbit anti-Androgen R/NR3C4 antibody (NBP3-32035) at 1/1,000 dilution.

Lane 1: A549 cell lysate
Lane 2: K-562 cell lysate
Lane 3: 22RV1 cell lysate

Lysates/proteins at 10 ug/Lane.

Predicted band size: 99 kDa
Observed band size: 99/75 kDa

Exposure time: 10 seconds; ECL;

4-20% SDS-PAGE gel.

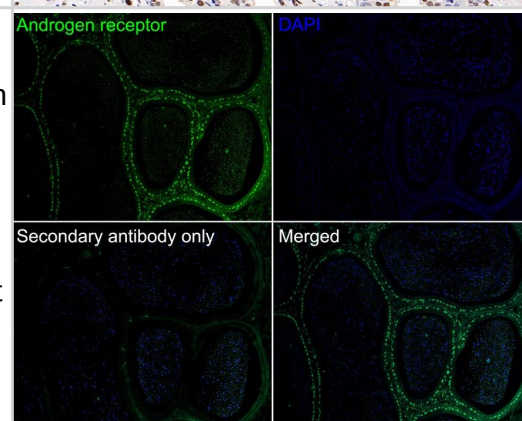
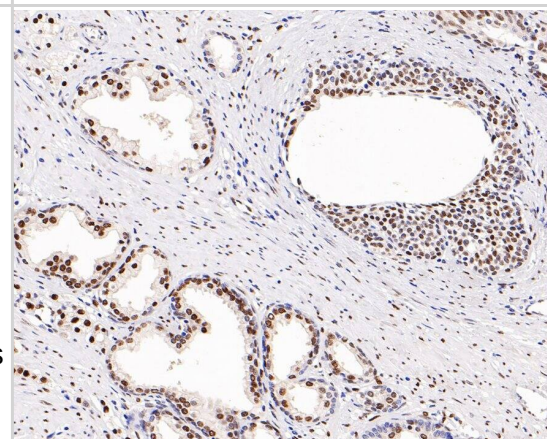
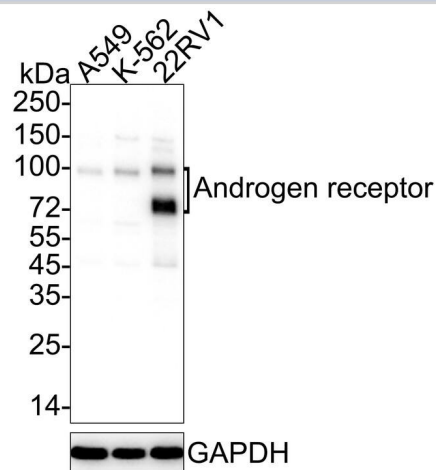
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32035) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Androgen R/NR3C4 Antibody (PO00-29) [NBP3-32035] - Immunohistochemical analysis of paraffin-embedded human prostate carcinoma tissue with Rabbit anti-Androgen R/NR3C4 antibody (NBP3-32035) at 1/1,000 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 (NBP3-32035) at 1/1,000 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.

Immunohistochemistry: Androgen R/NR3C4 Antibody (PO00-29) [NBP3-32035] - Immunofluorescence analysis of paraffin-embedded rat epididymis tissue labeling Androgen R/NR3C4 with Rabbit anti-Androgen R/NR3C4 antibody (NBP3-32035) at 1/50 dilution.

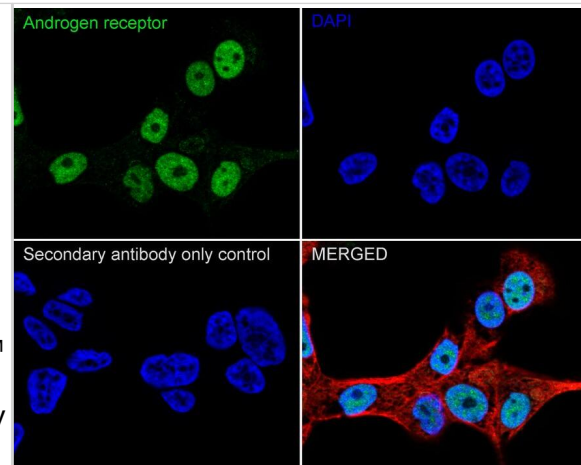
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32035, green) at 1/50 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



Immunocytochemistry/ Immunofluorescence: Androgen R/NR3C4 Antibody (PO00-29) [NBP3-32035] - Immunocytochemistry analysis of 22RV1 cells labeling Androgen R/NR3C4 with Rabbit anti-Androgen R/NR3C4 antibody (NBP3-32035) 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-Androgen R/NR3C4 antibody (NBP3-32035) 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 NBP3-32035

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000367-Q01-10ug	Recombinant Human Androgen R/NR3C4 GST (N-Term) Protein

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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