

Product Datasheet

COUP-TF II/NR2F2 Antibody - BSA Free NBP1-31980

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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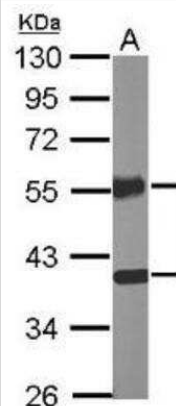
NBP1-31980

COUP-TF II/NR2F2 Antibody - BSA Free

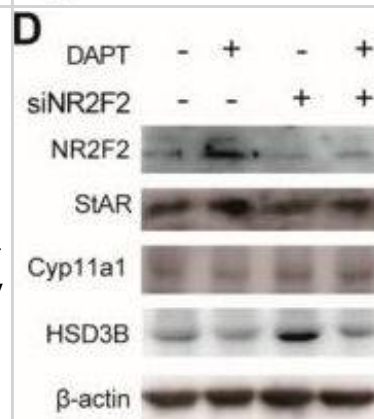
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Target Molecular Weight	46 kDa
Product Description	
Description	Novus Biologicals Rabbit COUP-TF II/NR2F2 Antibody - BSA Free (NBP1-31980) is a polyclonal antibody validated for use in WB. Anti-COUP-TF II/NR2F2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7026
Gene Symbol	NR2F2
Species	Mouse
Reactivity Notes	Xenopus laevis (100%). Porcine reactivity reported in scientific literature (PMID:31978970).
Immunogen	Recombinant protein encompassing a sequence within the center region of human COUP-TF II/NR2F2. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Knockdown Validated
Recommended Dilutions	Western Blot 1:5000-1:20000, Knockdown Validated
Application Notes	Knockdown validation (PMID: 31978970).

Images

Western Blot: COUP-TF II/NR2F2 Antibody [NBP1-31980] - Sample (20 ug of whole cell lysate) A: Mouse brain 10% SDS PAGE; antibody diluted at 1:10000



Effects of NR2F2 knockdown on progesterone biosynthesis. (A) gene expression of NR2F2 after siRNA transfection; (B) Effects of NR2F2 knockdown on progesterone secretion; (C) gene expression of key factors (StAR, Cyp11a1, HSD3B, and NPC1) involved in progesterone biosynthesis; (D,E) protein expression of NR5A2, StAR, Cyp11a1, and HSD3B. Primary pGCs were transfected with NR2F2 siRNA (siNR2F2) or scramble siRNA (siNC). Six hours later, the medium was changed to fresh medium with DMSO or DAPT, followed by further culture for 48 h. * means significant difference at $p < 0.05$. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/31978970>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Guo R, Chen F, Shi Z Suppression of Notch Signaling Stimulates Progesterone Synthesis by Enhancing the Expression of NR5A2 and NR2F2 in Porcine Granulosa Cells Genes (Basel) 2020-01-22 [PMID: 31978970] (KD, WB, Porcine)



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Products Related to NBP1-31980

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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