

# Product Datasheet

## LRH-1/NR5A2 Antibody - BSA Free NBP2-27196

Unit Size: 0.1 mg

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

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### Publications: 1

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**NBP2-27196**

LRH-1/NR5A2 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

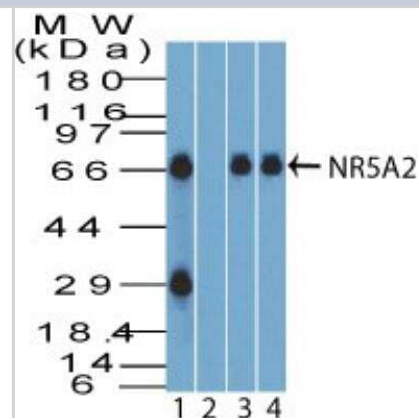
Product Description	
Description	Novus Biologicals Rabbit LRH-1/NR5A2 Antibody - BSA Free (NBP2-27196) is a polyclonal antibody validated for use in IHC and WB. Anti-LRH-1/NR5A2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2494
Gene Symbol	NR5A2
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Chinese Hamster, Equine, Guinea Pig, Opossum, Primate, Rabbit, Rhesus Macaque, Zebrafish
Reactivity Notes	Orangutan (100%), Chimpanzee (100%), New World Monkey (100%), Panda (100%), Great Ape (100%), Mole Rat (100%), White cheeked gibbon (100%), Platypus (100%), Zebra finch (100%), Catfish (100%), Frog (100%), Carolina anole (100%)
Immunogen	A portion of amino acids 140-190 from human NR5A2 was used as the immunogen for this antibody.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1-5ug/ml~, Immunohistochemistry, Immunohistochemistry-Paraffin 5ug/ml, Knockdown Validated reported in scientific literature (PMID 31978970)

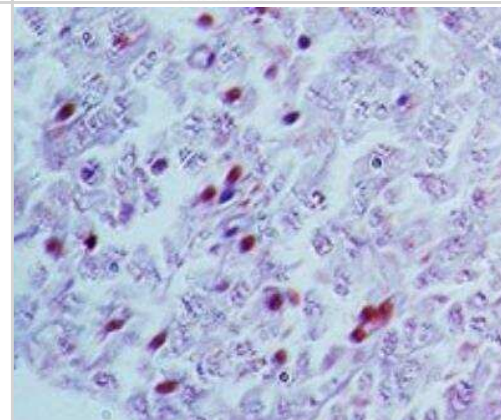


## Images

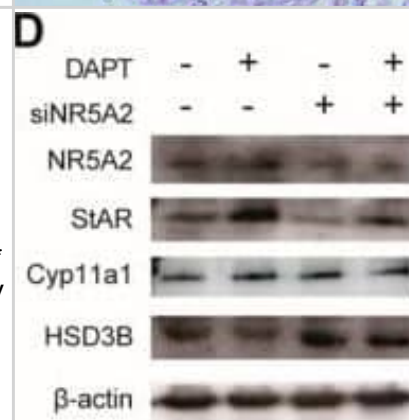
Western Blot: LRH-1/NR5A2 Antibody [NBP2-27196] - Analysis of NR5A2 in HEPG2 lysate in the 1) absence and 2) presence of immunizing peptide, 3) mouse NIH3T3 and 4) RAW lysate probed with 3 ug/ml of NR5A2 antibody. Goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Immunohistochemistry-Paraffin: LRH-1/NR5A2 Antibody [NBP2-27196] - Analysis of NR5A2/LRH1 in human pancreas tissue using NR5A2/LRH1 antibody at 5 ug/ml.



Effects of NR5A2 knockdown on progesterone biosynthesis. (A) gene expression of NR5A2 after siRNA transfection; (B) effects of NR5A2 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 NR5A2 siRNA (siNR5A2) 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 NBP2-27196**

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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

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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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