

Product Datasheet

SRD5A1 Antibody NB100-1491

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1491

SRD5A1 Antibody

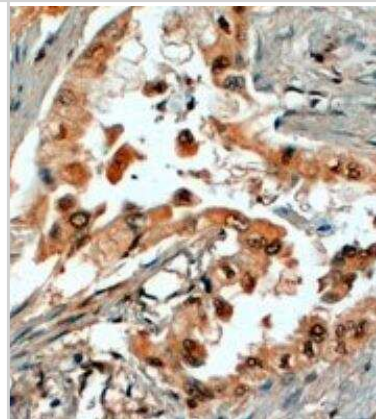
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

| Product Description | |
|---------------------|---|
| Description | Novus Biologicals Goat SRD5A1 Antibody (NB100-1491) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-SRD5A1 Antibody: Cited in 9 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Goat |
| Gene ID | 6715 |
| Gene Symbol | SRD5A1 |
| Species | Human, Mouse, Guinea Pig |
| Reactivity Notes | Mouse reactivity reported in (PMID: 25797030). Guinea Pig reactivity reported in (PMID: 23585339). |
| Immunogen | Peptide with sequence ATATGVAEERLLC corresponding to N-Terminus according to NP_001038.1. |

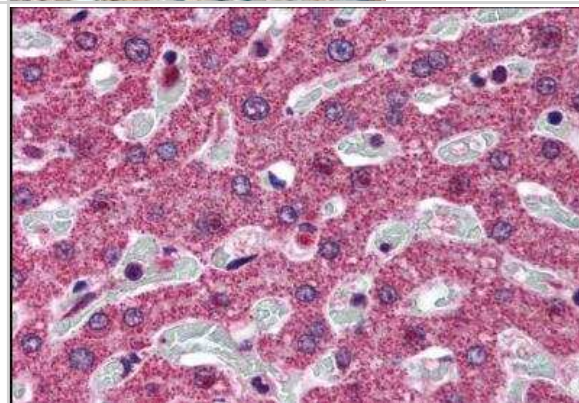
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA |
| Recommended Dilutions | Western Blot 1:100 - 1:2000, Immunohistochemistry 4 - 6 ug/ml, Immunohistochemistry-Paraffin 4-6 ug/ml, Peptide ELISA Detection limit 1:128000 |
| Application Notes | IHC: In paraffin embedded Human Prostate shows reticulate staining in the cytoplasm of secretory cells in the gland. Paraffin embedded Human Liver. WB usage is reported in scientific literature (PMID: 21747118). |

Images

Immunohistochemistry-Paraffin: SRD5A1 Antibody [NB100-1491] - (4ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



Immunohistochemistry-Paraffin: SRD5A1 Antibody [NB100-1491] - (5ug/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Wang Y, Guo B, Guo Y, Qi N et al. A spatiotemporal steroidogenic regulatory network in human fetal adrenal glands and gonads *Front Endocrinol (Lausanne)* 2022-12-05 [PMID: 36465633]

Cumberland AL, Palliser HK, Walker DW, Hirst JJ. Cerebellar Changes in Guinea Pig Offspring Following Suppression of Neurosteroid Synthesis During Late Gestation. *Cerebellum* 2016-06-03 [PMID: 27255705] (WB, Guinea Pig)

Iczkowski KA, Qiu J, Qian J et al. The dual 5-alpha-reductase inhibitor dutasteride induces atrophic changes and decreases relative cancer volume in human prostate. *Urology* 2005-01-01 [PMID: 15667867]

Fokidis HB, Yieng Chin M, Ho VW et al. A low carbohydrate, high protein diet suppresses intratumoral androgen synthesis and slows castration-resistant prostate tumor growth in mice. *J Steroid Biochem Mol Biol* 2015-03-19 [PMID: 25797030] (WB, Mouse)

Linard C, Busson E, Holler V et al. Repeated autologous bone marrow-derived mesenchymal stem cell injections improve radiation-induced proctitis in pigs. *Stem Cells Transl Med.* 2013-11-01 [PMID: 24068742]

Kelleher MA, Hirst JJ, Palliser HK. Changes in Neuroactive Steroid Concentrations After Preterm Delivery in the Guinea Pig. *Reprod Sci* 2013-04-12 [PMID: 23585339] (WB, Guinea Pig)

Locke JA, Guns ES, Lubik AA et al. Androgen Levels Increase by Intratumoral De novo Steroidogenesis during Progression of Castration-Resistant Prostate Cancer. *Cancer Res* 2008-08-01 [PMID: 18676866]

Lubik AA, Gunter JH, Hendy SC et al. Insulin increases de novo steroidogenesis in prostate cancer cells. *Cancer Res* 2011-07-14 [PMID: 21747118]

Kelleher MA, Palliser HK, Walker DW, Hirst JJ. Sex-dependent effect of a low neurosteroid environment and intrauterine growth restriction on fetal guinea pig brain development. *J Endocrinol.* 2010-12-13 [PMID: 21149437]



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Products Related to NB100-1491

| | |
|-----------------|--|
| NB100-1491PEP | SRD5A1 Peptide |
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF017 | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109 | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat 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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