

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**

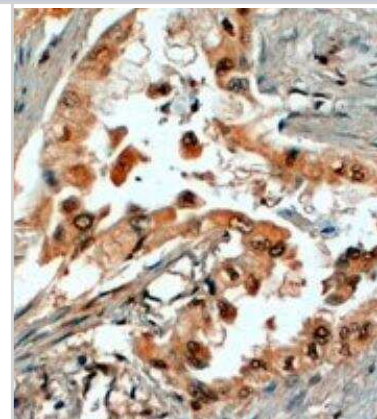
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
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.

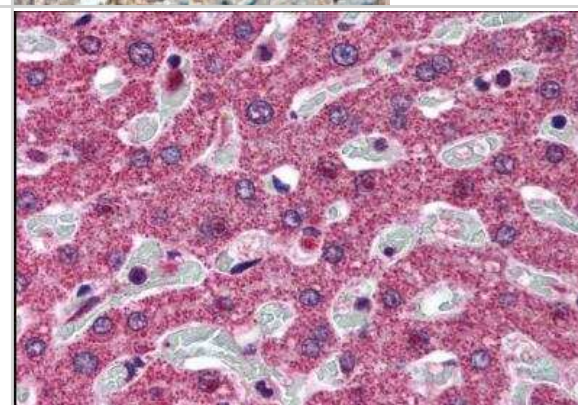
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1:100 - 1:2000, Immunohistochemistry 4 - 6 ug/ml, Immunohistochemistry-Paraffin 4-6 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	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

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
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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