

# Product Datasheet

## 17 beta-HSD1/HSD17B1 Antibody - BSA Free NBP1-56295

Unit Size: 100 ul

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

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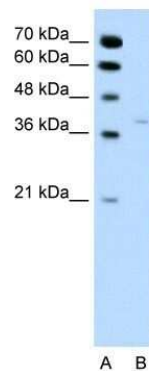
**NBP1-56295**

17 beta-HSD1/HSD17B1 Antibody - BSA Free

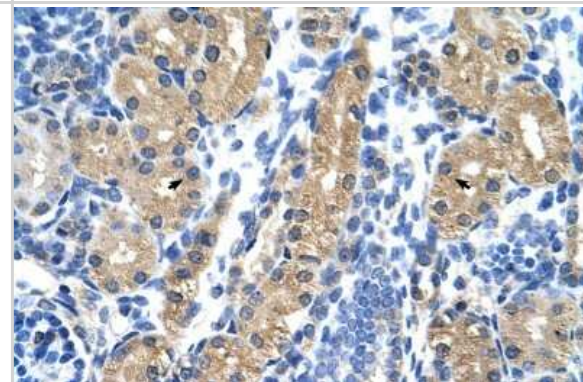
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, 2% Sucrose
<b>Target Molecular Weight</b>	35 kDa
<b>Product Description</b>	
<b>Description</b>	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3292
<b>Gene Symbol</b>	HSD17B1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Human reactivity reported in scientific literature (PMID: 31614207).
<b>Immunogen</b>	Synthetic peptides corresponding to HSD17B1(hydroxysteroid (17-beta) dehydrogenase 1) The peptide sequence was selected from the N terminal of HSD17B1 (NP_000404). Peptide sequence MARTVVLITGCSSGIGLHLAVRLASDPSQSFKVYATLRDLKTQGRLWEAA. The peptide sequence for this immunogen was taken from within the described region.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml, Immunohistochemistry 4-8 ug/ml, Immunohistochemistry-Paraffin 4-8 ug/ml

## Images

Western Blot: 17 beta-HSD1/HSD17B1 Antibody [NBP1-56295] - Jurkat cell lysate, Antibody Titration: 0.2-1 ug/ml



Immunohistochemistry-Paraffin: 17 beta-HSD1/HSD17B1 Antibody [NBP1-56295] - Human kidney Tissue, antibody concentration 4-8ug/ml. Cells with positive label: renal corpuscle cells (indicated with arrows) 400X magnification.



## Publications

Yazawa T, Imamichi Y, Uwada J et al. Evaluation of 17 beta-hydroxysteroid Dehydrogenase Activity using Androgen Receptor-mediated Transactivation J. Steroid Biochem. Mol. Biol. 2019-10-12 [PMID: 31614207] (WB, Human)

Karman B, Basavarajappa M, Hannon P et al. Dioxin exposure reduces the steroidogenic capacity of mouse antral follicles mainly at the level of HSD17B1 without altering atresia Toxicology and Applied Pharmacology 2012-08-06 [PMID: 22889882] (WB, Mouse)



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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23127	Recombinant Human 17 beta-HSD1/HSD17B1 His Protein

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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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