

# Product Datasheet

## Cadherin-16 Antibody - BSA Free NBP1-59248

Unit Size: 100 ul

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

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**NBP1-59248**

Cadherin-16 Antibody - BSA Free

**Product Information**

<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>	88 kDa

**Product Description**

<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>	1014
<b>Gene Symbol</b>	CDH16
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 27668431).
<b>Immunogen</b>	Synthetic peptides corresponding to CDH16(cadherin 16, KSP-cadherin) The peptide sequence was selected from the N terminal of CDH16. Peptide sequence SDRDEPGTANSDLRFHILSQAPAQPSDFMFQLEPRLGALALSPKGGSTSLD. The peptide sequence for this immunogen was taken from within the described region.

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500

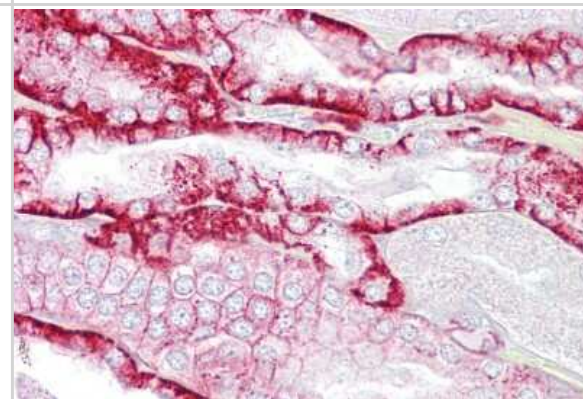


## Images

Western Blot: cadherin-16 Antibody [NBP1-59248] - Titration: 0.2-1 ug/ml Positive Control: Human brain.



Immunohistochemistry-Paraffin: cadherin-16 Antibody [NBP1-59248] - Human Kidney tissue, 5 ug/ml.



## Publications

Di Malta C, Zampelli A, Granieri L et al. TFEB and TFE3 drive kidney cystogenesis and tumorigenesis EMBO molecular medicine 2023-03-29 [PMID: 36987696] (IHC-P, Human)

Won N, Castillo-Prado J, Tan X et al. Ex Vivo Perfusion Using a Mathematical Modeled, Controlled Gas Exchange Self-Contained Bioreactor Can Maintain a Mouse Kidney for Seven Days Cells 2022-06-02 [PMID: 35681517] (IF/IHC, Mouse)

Sambi M, Chow T, Whiteley J et al. Acellular Mouse Kidney ECM can be Used as a Three-Dimensional Substrate to Test the Differentiation Potential of Embryonic Stem Cell Derived Renal Progenitors. Stem Cell Rev. 2017-02-27 [PMID: 28239758]

Calcagni A, Kors L, Verschuren E et al. Modelling TFE renal cell carcinoma in mice reveals a critical role of WNT signaling Elife 2016-09-26 [PMID: 27668431] (IF/IHC, Mouse)



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### **Products Related to NBP1-59248**

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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
H00001014-P01-10ug	Recombinant Human Cadherin-16 GST (N-Term) 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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