

Product Datasheet

Claudin-14 Antibody NB100-1070

Unit Size: 0.1 mg

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

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Publications: 2

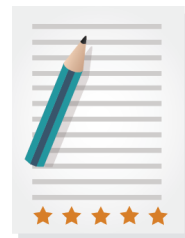
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NB100-1070**Claudin-14 Antibody**

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
Target Molecular Weight	27 kDa

Product Description	
Description	Novus Biologicals Goat Claudin-14 Antibody (NB100-1070) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Claudin-14 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	23562
Gene Symbol	CLDN14
Species	Human, Mouse
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Rat, Canine, Porcine, Bovine. Mouse reactivity reported in scientific literature (PMID: 21454667).
Specificity/Sensitivity	Reported variants represent identical protein (NP_036262.1; NP_652763.1; NP_001139551.1; NP_001139550.1 and NP_001139549.1).
Immunogen	Peptide with sequence C-SATHSGYRLNDYV corresponding to C-Terminus according to NP_036262.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, ELISA 1:4000, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	WB: Approx. 23 kDa band observed in human liver lysate (calculated MW of 25.7 kDa band according to NP_652763.1). IHC successful usage on mouse heart. IHC: This antibody has been successfully used in IHC on mouse heart. Use in IHC-P reported in scientific literature (PMID: 21454667).



Images

Western Blot: Claudin-14 Antibody [NB100-1070] - Staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa

50kDa
37kDa

25kDa
20kDa

15kDa

Publications

Wilcox ER, Burton QL, Naz S et al. Mutations in the gene encoding tight junction claudin-14 cause autosomal recessive deafness DFNB29. Cell 2001-01-12 [PMID: 11163249]

Sato M, Hiraoka M, Suzuki H et al. Identification of transcription factor E3 (TFE3) as a receptor-independent activator of G16: gene regulation by nuclear G subunit and its activator. J Biol Chem 2011-05-20 [PMID: 21454667] (IHC-P, Mouse)



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Products Related to NB100-1070

NB820-59232	Human Liver Whole Tissue Lysate (Adult Whole Normal)
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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