

# Product Datasheet

## Claudin-7 Antibody NB100-91714

Unit Size: 0.1 mg

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

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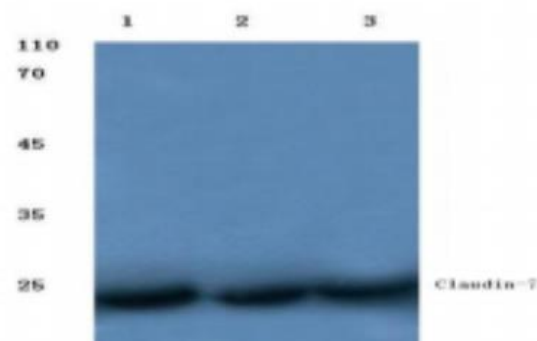
**NB100-91714**

## Claudin-7 Antibody

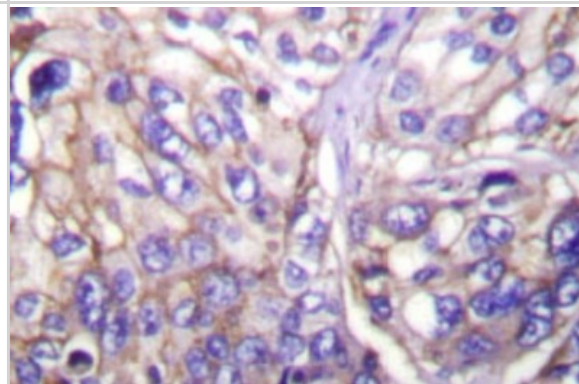
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2)
Target Molecular Weight	23 kDa
Product Description	
Host	Rabbit
Gene ID	1366
Gene Symbol	CLDN7
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Canine reactivity reported in scientific literature (PMID: 24016781).
Specificity/Sensitivity	Claudin 7 (P202) detects endogenous levels of Claudin 7 protein.
Immunogen	Synthetic peptide, corresponding to amino acids 171-220 of Human Claudin-7.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	Western blot (WB) analysis of Claudin 7 (P202) pAb in extracts from 293 K562 cells. Immunohistochemistry (IHC) analyzes of Claudin7 (P202) pAb in paraffin-embedded human lung carcinoma tissue. Use in Immunofluorescence was reported in the scientific literature (PMID: 21717359).

## Images

Western Blot: Claudin 7 Antibody [NB100-91714] - Lane1:HEK293T cell lysate. Lane2:Raw264.7 cell lysate Lane3:Rat heart tissue lysate.



Immunohistochemistry-Paraffin: Claudin 7 Antibody [NB100-91714] - Paraffin-embedded human lung carcinoma tissue.



Western Blot: Claudin 7 Antibody [NB100-91714] - Extracts from 293 K562 cells.



## Publications

Hill Steven M, Nesser Nicole K, Johnson-Camacho Katie et al. Context Specificity in Causal Signaling Networks Revealed by Phosphoprotein Profiling. Cell Systems 2017 [PMID: 28017544] (WB, Mouse)

Roussel AJ, Knol AC, Bourdeau PJ, Bruet V. Optimization of an Immunohistochemical Method to Assess Distribution of Tight Junction Proteins in Canine Epidermis and Adnexae. J Comp Pathol. 2013 Sep 6 [PMID: 24016781] (IHC-P, Canine)



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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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