

# Product Datasheet

## Aquaporin-9 Antibody NBP1-30865

Unit Size: 0.1 ml

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

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**NBP1-30865**

## Aquaporin-9 Antibody

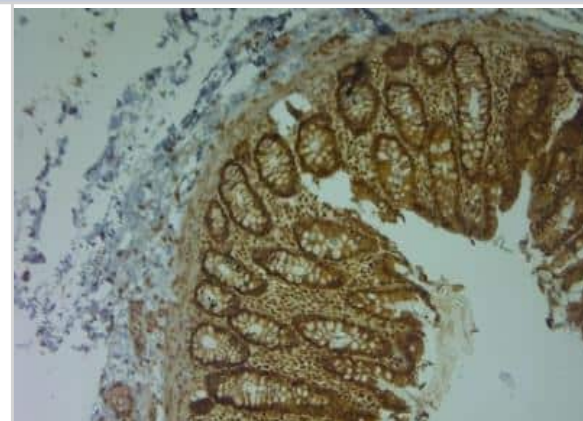
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute in 100 ul of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the sample size is provided in reconstituted format.
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Lyophilized from whole serum.

Product Description	
<b>Description</b>	The 0.1mg split size of this product is provided in liquid format (reconstituted in sterile water).
<b>Host</b>	Rabbit
<b>Gene ID</b>	366
<b>Gene Symbol</b>	AQP9
<b>Species</b>	Human
<b>Immunogen</b>	A synthetic peptide from amino acid region 240-290 of human Aquaporin-9 conjugated to blue carrier protein was used as the antigen.
<b>Notes</b>	The 0.1mg split size of this product is provided in liquid format (reconstituted in sterile water).

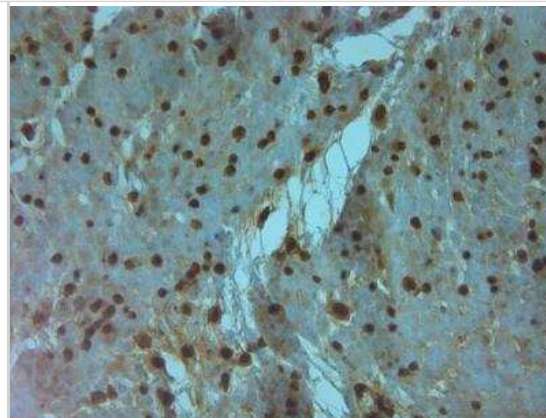
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:300-1:2000, Immunohistochemistry 1:300-1:2000, Immunohistochemistry-Paraffin 1:300-1:2000

**Images**

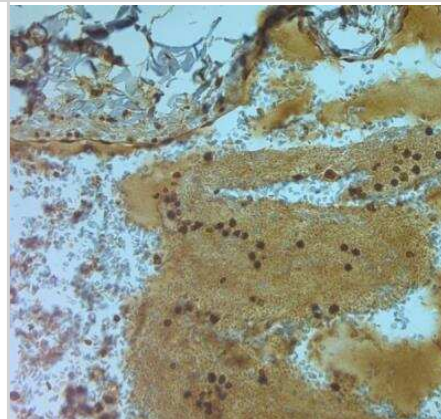
Immunohistochemistry-Paraffin: Aquaporin-9 Antibody [NBP1-30865] - IHC on paraffin sections of human large intestine tissue. HIER: 1 mM EDTA, pH 8 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturer's instructions. Primary antibody: dilution 1: 1000, incubated 30 min at RT (using Autostainer). Sections were counterstained with Harris Hematoxylin.



Immunohistochemistry-Paraffin: Aquaporin-9 Antibody [NBP1-30865] - IHC on paraffin sections of human stomach tissue. HIER: 1 mM EDTA, pH 8 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturer's instructions. Primary antibody: dilution 1: 1000, incubated 30 min at RT (using Autostainer). Sections were counterstained with Harris Hematoxylin.



Immunohistochemistry-Paraffin: Aquaporin-9 Antibody [NBP1-30865] - IHC on paraffin sections of human stomach tissue. HIER: 1 mM EDTA, pH 8 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturer's instructions. Primary antibody: dilution 1: 1000, incubated 30 min at RT (using Autostainer). Sections were counterstained with Harris Hematoxylin.



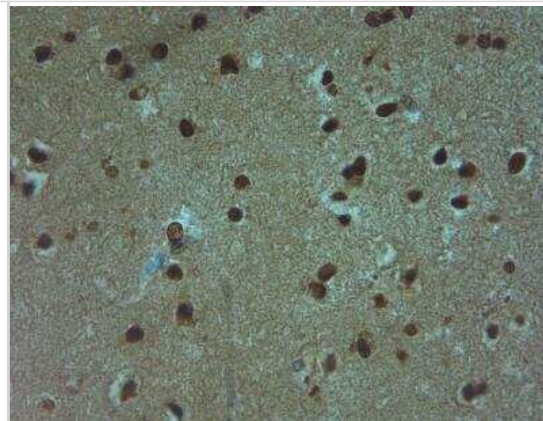
Immunohistochemistry-Paraffin: Aquaporin-9 Antibody [NBP1-30865] - IHC on paraffin sections of human stomach tissue. HIER: 1 mM EDTA, pH 8 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturer's instructions. Primary antibody: dilution 1: 1000, incubated 30 min at RT (using Autostainer). Sections were counterstained with Harris Hematoxylin.



Immunohistochemistry-Paraffin: Aquaporin-9 Antibody [NBP1-30865] - IHC on paraffin sections of human testis tissue. HIER: 1 mM EDTA, pH 8 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturer's instructions. Primary antibody: dilution 1: 1000, incubated 30 min at RT (using Autostainer). Sections were counterstained with Harris Hematoxylin.



Immunohistochemistry-Paraffin: Aquaporin-9 Antibody [NBP1-30865] - IHC on paraffin sections of human brain tissue. HIER: 1 mM EDTA, pH 8 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturer's instructions. Primary antibody: dilution 1: 1000, incubated 30 min at RT (using Autostainer). Sections were counterstained with Harris Hematoxylin.



## Publications

Vicente-Carrillo A, Ekwall H, Alvarez-Rodriguez M, Rodriguez-Martinez H. Membrane Stress During Thawing Elicits Redistribution of Aquaporin 7 But Not of Aquaporin 9 in Boar Spermatozoa *Reprod. Domest. Anim.* 2016-07-13 [PMID: 27405395]

Ren L, Li P, Li Z, Chen Q AQP9 and ZAP70 as immune-related prognostic biomarkers suppress proliferation, migration and invasion of laryngeal cancer cells *BMC cancer* 2022-04-28 [PMID: 35477402] (WB, IF/IHC, Human)



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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
NBP2-62691PEP	Aquaporin-9 Recombinant Protein Antigen

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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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