

# Product Datasheet

## Aquaporin-4 Antibody (AQP4/3324) - Azide and BSA Free NBP3-14104

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP3-14104**

Aquaporin-4 Antibody (AQP4/3324) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AQP4/3324
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10mM PBS
Target Molecular Weight	34 kDa

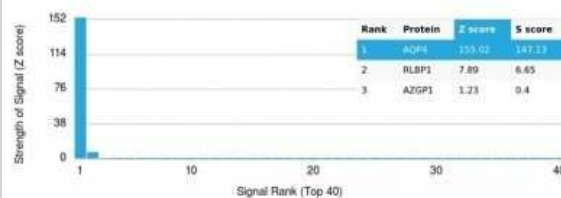
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-13952).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	361
Gene Symbol	AQP4
Species	Human
Immunogen	Human recombinant Aquaporin-4 protein fragment (around aa254-323) (exact sequence is proprietary) (Uniprot: P55087)

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes

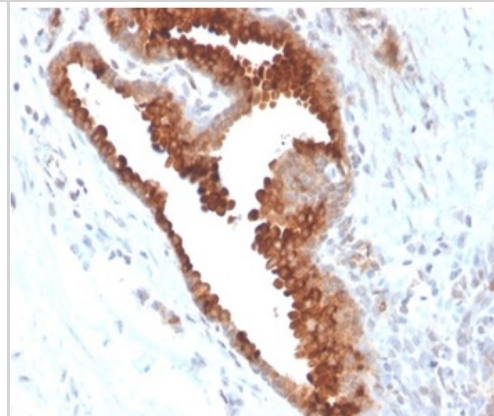


## Images

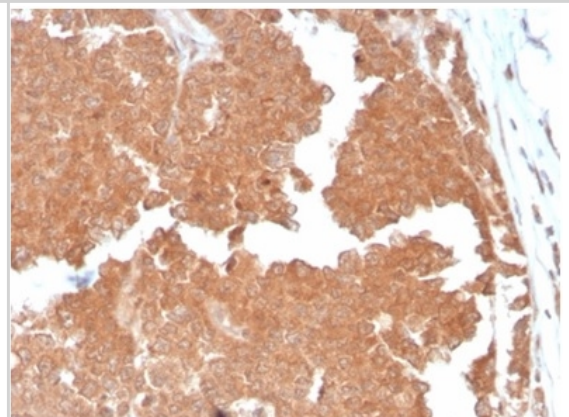
Protein Array: Aquaporin-4 Antibody (AQP4/3324) - Azide and BSA Free [NBP3-14104] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Aquaporin-4 Antibody (AQP4/3324).



Formalin-fixed, paraffin-embedded human small intestine stained with Aquaporin-4 antibody (AQP4/3324). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human small intestine stained with Aquaporin-4 antibody (AQP4/3324). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.





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### **Products Related to NBP3-14104**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-87679PEP	Aquaporin-4 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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