

# Product Datasheet

## Aquaporin-5 Antibody - Azide and BSA Free NBP2-92926-0.1ml

Unit Size: 0.1 ml

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

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**NBP2-92926-0.1ml**

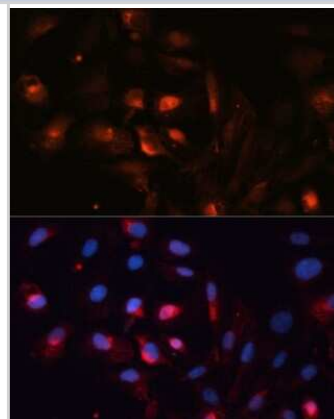
Aquaporin-5 Antibody - Azide and BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol
<b>Target Molecular Weight</b>	28 kDa
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	362
<b>Gene Symbol</b>	AQP5
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 166-265 of human Aquaporin-5 (NP_001642.1). RSFGPAVVMNRFSPAH
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:5000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunocytochemistry/ Immunofluorescence 1:50 - 1:200

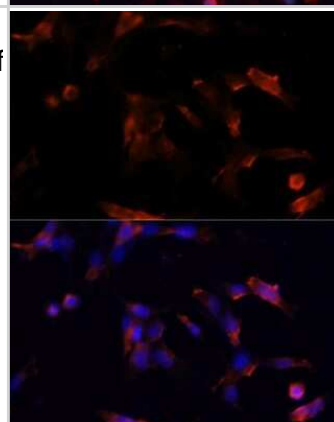


## Images

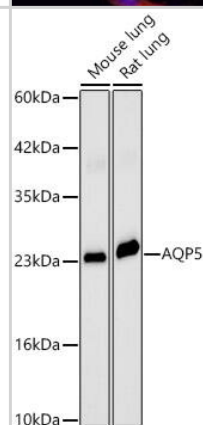
Immunocytochemistry/Immunofluorescence: Aquaporin-5 Antibody [NBP2-92926] - Analysis of U2OS cells using Aquaporin-5 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunocytochemistry/Immunofluorescence: Aquaporin-5 Antibody [NBP2-92926] - Analysis of NIH/3T3 cells using Aquaporin-5 at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blot: Aquaporin-5 Antibody - Azide and BSA Free [NBP2-92926] - Western blot analysis of various lysates, using Aquaporin-5 Rabbit pAb at 1:2000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.  
 Lysates/proteins: 25ug per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit.  
 Exposure time: 60s.





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### **Products Related to NBP2-92926-0.1ml**

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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
NBP2-67247PEP	Aquaporin-5 Antibody Blocking Peptide

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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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