

# Product Datasheet

## Aquaporin-5 Antibody - Azide and BSA Free NBP3-02963-100ul

Unit Size: 100 ul

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

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**NBP3-02963-100ul**

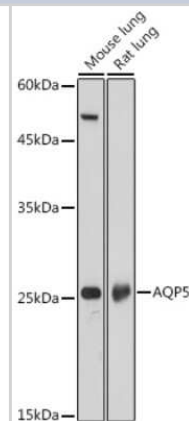
Aquaporin-5 Antibody - Azide and BSA Free

Product Information	
<b>Unit Size</b>	100 ul
<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>	0.05% Proclin 300
<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>	Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 200-265 of human Aquaporin-5 (NP_001642.1). SPAHWVFWVGPIVGAVLAAILYFYLLFPNSLSLSERVAIIKGTYPDEDWEEQR EERKKTMELTTR
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin

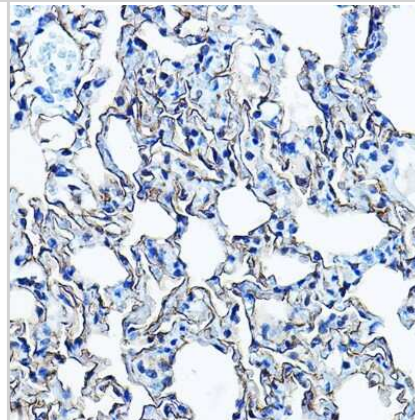


## Images

Western Blot: Aquaporin-5 Antibody [NBP3-02963] - Western blot analysis of extracts of various cell lines, using Aquaporin-5 antibody (NBP3-02963) at 1:1000 dilution. Secondary antibody: HRP 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: 10s.



Immunohistochemistry-Paraffin: Aquaporin-5 Antibody [NBP3-02963] - Immunohistochemistry of paraffin-embedded rat lung using Aquaporin-5 Rabbit pAb (NBP3-02963) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.





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### **Products Related to NBP3-02963-100ul**

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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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