

Product Datasheet

Aquaporin-11 Antibody - BSA Free NBP1-86208

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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Publications: 5

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NBP1-86208

Aquaporin-11 Antibody - BSA Free

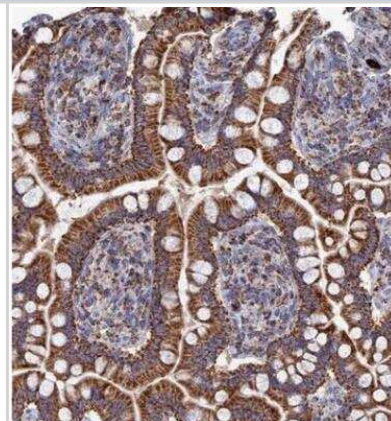
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	282679
Gene Symbol	AQP11
Species	Human, Mouse, Bovine
Reactivity Notes	Bovine reactivity reported in scientific literature (PMID: 31233960). Use in Mouse reported in scientific literature (PMID:23628076). Rat (88%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TLVGTSSNPCGVMMQMMLGGMSPETGAVRLLAQ

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reactivity reported in (PMID:31233960), Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence Reactivity reported in (PMID: 23628076), Immunohistochemistry-Paraffin 1:20 - 1:50, Immunohistochemistry-Frozen Reactivity reported in (PMID: 23628076)
Application Notes	For IHC-Paraffin, HIER pH6 retrieval is recommended.

Images

Immunohistochemistry-Paraffin: Aquaporin-11 Antibody [NBP1-86208] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



Publications

Abd El-Baset SA, Mazen NF, Abdul-Maksoud RS, Kattaia AAA The therapeutic prospect of zinc oxide nanoparticles in experimentally induced diabetic nephropathy Tissue barriers 2023-01-02 [PMID: 35504734] (IHC-P, Rat)

Details:

1:20 dilution

Lin C, He H, Kim JJ et al. Osmotic pressure induces translocation of aquaporin-8 by P38 and JNK MAPK signaling pathways in patients with functional constipation Digestive and liver disease : official journal of the Italian Society of Gastroenterology and the Italian Association for the Study of the Liver 2023-02-13 [PMID: 36792433] (WB, Human)

Genetic predisposition of donors affects the allograft outcome in kidney transplantation: Single nucleotide polymorphism of aquaporin-11 Park JI, Yang SH, Lee JP et al. Kidney Res Clin Pract [PMID: 26484019] (IHC-P, Human)

Michalek K, Grabowska M Investigating cellular location of aquaporins in the bovine kidney. A new view on renal physiology in cattle Res. Vet. Sci. 2019-06-11 [PMID: 31233960] (WB, Bovine)

Takumida M, Takumida H, Kakigi A et al. Localization of aquaporins in the mouse vestibular end organs. Acta Otolaryngol 2013-04-30 [PMID: 23628076] (IHC-Fr, ICC/IF, Mouse)





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Products Related to NBP1-86208

NBP1-86208PEP	Aquaporin-11 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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