

Rabbit anti-Mouse, Human AQP3 / Aquaporin 3 Polyclonal Antibody | anti-AQP3 antibody

Anti-AQP3 / Aquaporin 3 Antibody (aa163-191) IHC-plus

CATALOG # AAA52607	HOST Rabbit	REACTIVITY Mouse, Human	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

AQP3 / Aquaporin 3; Polyclonal Antibody; Anti-AQP3 / Aquaporin 3 Antibody (aa163-191) IHC-plus; Rabbit Polyclonal to Human AQP3 / Aquaporin 3; Human AQP3 / Aquaporin 3; Aquaporin 3 (GIL blood group); Aquaglyceroporin-3; AQP-3; Aquaporin 3; Aquaporin 3 (Gill blood group); Aquaporin-3; GIL; anti-AQP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human
Clonality	Polyclonal
Specificity	Human AQP3 / Aquaporin 3
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	292
Applicable Applications for anti-AQP3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	AQP3 / Aquaporin 3 antibody was raised against KLH-conjugated synthetic peptide from internal region of human AQP3.
Immunogen Description	KLH-conjugated synthetic peptide from internal region of human AQP3.
Immunogen Type	Synthetic peptide
Antigen Modification	aa163-191
Target Species	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

IMAGES



WB (Western Blot)

AQP3 Antibody western blot of mouse kidney tissue lysates (35 ug/lane). The AQP3 antibody detected the AQP3 protein (arrow).



WB (Western Blot)

AQP3 Antibody western blot of MDA-MB453 cell line lysates (35 ug/lane). The AQP3 antibody detected the AQP3 protein (arrow).



IHC (Immunohistochemistry)

Anti-AQP3 / Aquaporin 3 antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:50.

ADDITIONAL INFORMATION

Related Product Information for anti-AQP3 antibody	AQP3 Antibody, Aquaporin 3 (GIL blood group) Antibody, Aquaglyceroporin-3 Antibody, AQP-3 Antibody, Aquaporin 3 Antibody, Aquaporin 3 (Gill blood group) Antibody, Aquaporin-3 Antibody, GIL Antibody Description: Water channel required to promote glycerol permeability and water transport across cell membranes. Acts as a glycerol transporter in skin and plays an important role in regulating SC (stratum corneum) and epidermal glycerol content. Involved in skin hydration, wound healing, and tumorigenesis. Provides kidney medullary collecting duct with high permeability to water, thereby permitting water to move in the direction of an osmotic gradient.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826645
NCBI GeneID	360
NCBI Accession #	NP_004916.1
NCBI GenBank Nucleotide #	NM_004925.4
UniProt Accession #	Q92482; O00108; Q6FGT2; Q6FGW6; A8K843; B2RE16; D3DRL3
Molecular Weight	29,987 Da
NCBI Official Full Name	aquaporin-3 isoform 1
NCBI Official Synonym Full Names	aquaporin 3 (Gill blood group)
NCBI Official Symbol	AQP3
NCBI Official Synonym Symbols	GIL; AQP-3
NCBI Protein Information	aquaporin-3
UniProt Protein Name	Aquaporin-3
UniProt Gene Name	AQP3
UniProt Synonym Gene Names	AQP-3
UniProt Entry Name	AQP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aqp3-aquaporin-3-antibody-western-blot-immunohistochemistry-elisa/52607>