

Rabbit anti-Mouse Aquaporin 9 Polyclonal Antibody | anti-AQP9 antibody

Anti-Aquaporin 9 antibody

CATALOG # AAA45453	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot
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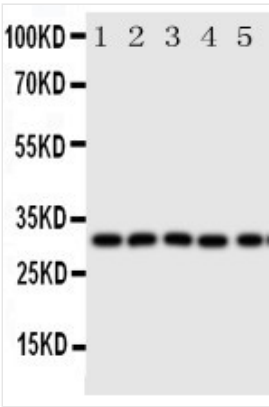
PRODUCT SYNONYMS

Aquaporin 9; Polyclonal Antibody; Anti-Aquaporin 9 antibody; Aquaporin-9; aquaporin 9; AQP 9 antibody; AQP-9 antibody; AQP9 antibody; AQP9_HUMAN antibody; Aquaglyceroporin-9 antibody; Aquaporin-9 antibody; Aquaporin9 antibody; HsT 17287 antibody; HsT17287 antibody; Small solute channel 1 antibody; SSC 1 antibody; SSC1 antibody; anti-AQP9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	295
Applicable Applications for anti-AQP9 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Aquaporin 9 (263-278aa VLFIQMHHSPDPEVK).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-Aquaporin 9 antibody, AAA45453, Western blottingAll lanes: Anti Aquaporin 9 (AAA45453) at 0.5ug/mlLane 1: Mouse Liver Tissue Lysate at 50ugLane 2: Mouse Lung Tissue Lysate at 50ugLane 3: Mouse Spleen Tissue Lysate at 50ugLane 4: Mouse Testis Tissue Lysate at 50ugLane 5: PC-12 Whole Cell Lysate at 40ugPredicted bind size: 31KDObserved bind size: 31KD

ADDITIONAL INFORMATION

Related Product Information for anti-AQP9 antibody	Description: Rabbit IgG polyclonal antibody for Aquaporin-9(AQP9) detection. Tested with WB in Mouse. Background: Aquaporin-9 is a protein that in humans is encoded by the AQP9 gene. AQP9 encodes a 295-amino-acid protein with the amino acid sequence identity with AQP3(48%), AQP7(45%), and other aquaporins(approximately 30%), suggesting that AQP3, AQP7, and AQP9 belong to a subfamily of the aquaporin family. AQP9 is the major glycerol channel in mouse erythrocytes and suggest that this transport pathway may contribute to the virulence of intraerythrocytic stages of malarial infection.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47116925
NCBI GeneID	64008
UniProt Accession #	Q9JJJ3
Molecular Weight	31,764 Da
NCBI Official Full Name	Aquaporin-9
NCBI Official Synonym Full Names	aquaporin 9
NCBI Official Symbol	Aqp9
NCBI Official Synonym Symbols	AQP-9; AI266899; 1700020I22Rik
NCBI Protein Information	aquaporin-9; aquaglyceroporin-9
UniProt Protein Name	Aquaporin-9
UniProt Gene Name	Aqp9
UniProt Synonym Gene Names	AQP-9
UniProt Entry Name	AQP9_MOUSE

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.