

Anti-Aquaporin 9/AQP9 Antibody Picoband®

Catalog Number: PA2094

About Aqp9

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.

Overview

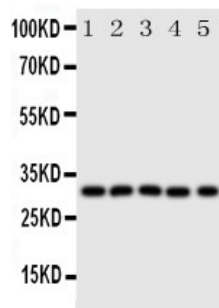
Product Name	Anti-Aquaporin 9/AQP9 Antibody Picoband®
Reactive Species	Mouse
Description	Boster Bio Anti-Aquaporin 9/AQP9 Antibody catalog # PA2094. Tested in WB applications. This antibody reacts with Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9JJJ3

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Aquaporin 9.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG

Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Mouse

Anti-Aquaporin 9/AQP9 Antibody Picoband® (PA2094) Images



Anti-Aquaporin 9 antibody, PA2094, Western blotting All lanes: Anti Aquaporin 9 (PA2094) at 0.5ug/ml Lane 1: Mouse Liver Tissue Lysate at 50ug Lane 2: Mouse Lung Tissue Lysate at 50ug Lane 3: Mouse Spleen Tissue Lysate at 50ug Lane 4: Mouse Testis Tissue Lysate at 50ug Lane 5: PC-12 Whole Cell Lysate at 40ug Predicted bind size: 31KD Observed bind size: 31KD

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