

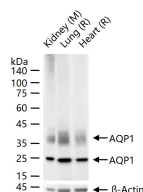
bsm-52909R**[Primary Antibody]****BioSS**
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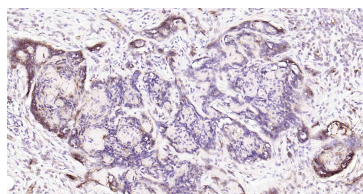
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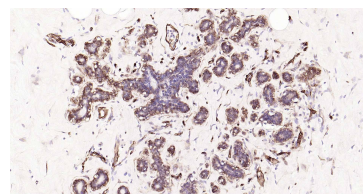
400-901-9800

AQP1 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 358**Target:** AQP1**Immunogen:** A synthesized peptide derived from human Aquaporin 1: 214-269.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS(pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.**Background:** Aquaporin 1 is a 28kD integral membrane protein which was originally identified in red blood cells and renal proximal tubules. AQP1 is also expressed by the choroid plexus and various other tissues. It forms a water-specific channel that provides the plasma membranes of red cells and kidney proximal tubules with high permeability to water, thereby permitting water to move in the direction of an osmotic gradient.**Isotype:** IgG**CloneNo.:** 2H11**SWISS:** P29972**Applications:** **WB** (1:1000-5000)
IHC-P (1:200-1000)
IHC-F (1:200-1000)
IF (1:200-1000)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 28 kDa**Observed MW.:** 25, 37 kDa**Subcellular Location:** Cell membrane**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with AQP1 monoclonal antibody, unconjugated (bsm-52909R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated(bsm-52909R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated(bsm-52909R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.