Anti-AQP1 antibody [ARC0925] (STJ11102015)

STJ11102015

GENERAL INFORMATION

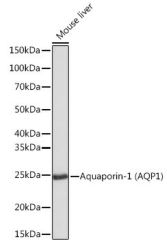
Product Type Primary antibodies
Short Description Rabbit monoclonal antibody anti-AQP1 is suitable for use in Western Blot and Immunohistochemistry.
Applications WB, IHC
Host/Source Rabbit
Reactivity Human, Mouse, Rat

PRODUCT PROPERTIES

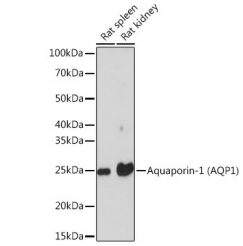
Clonality Monoclonal
Clone ID ARC0925
Concentration
Conjugation Unconjugated
Purification Affinity purification
Dilution Range WB 1:500-1:2000
IHC 1:50-1:200
Formulation PBS containing 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3.
Isotype IgG
Storage Instruction Store in a freezer at-20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

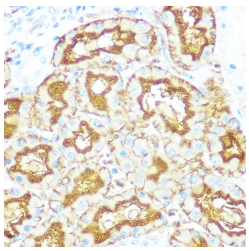
Gene ID 358
Gene Symbol AQP1
Uniprot ID AQP1_HUMAN
Immunogen A synthesized peptide derived from human Aquaporin-1 (Aquaporin-1 (AQP1))
Immunogen Region
Specificity
Immunogen Sequence



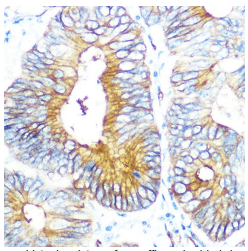
Western blot analysis of extracts of mouse liver, using Aquaporin-1 (Aquaporin-1 (AQP1)) rabbit monoclonal antibody (STJ11102015) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of various cell lines, using Aquaporin-1 (Aquaporin-1 (AQP1)) rabbit monoclonal antibody (STJ11102015) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat kidney using Aquaporin-1 (Aquaporin-1 (AQP1)) rabbit monoclonal antibody (STJ11102015) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded human colon carcinoma using Aquaporin-1 (Aquaporin-1 (AQP1)) rabbit monoclonal antibody (STJ11102015) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.

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