

AQP2 Recombinant antibody

Cat: B36458S

Company: HaoKebio

Uniprot ID: P41181

Applications: IHC:1:2500-1:10000

Organism: Rabbit

IHC-Polymer:1:10000-1:40000

Species reactivity: Human Mouse

IHC-TSA:1:12000-1:50000

Molecular Weight Calculation: 29 kDa

IF:1:100-1:500

Observed Molecular Weight: 28-29, 35-38 kDa

WB:1:10000-1:50000

Background:

AQP2 (Aquaporin2) is a water channel protein that is widely distributed among mammalian tissues and plays a major role in water homeostasis. AQP2 is mainly found in the apical cell membranes of the kidney's collecting duct cells and is critical for urinary concentration. AQP2 can be glycosylated and this antibody recognizes the 28-29 kDa non-glycosylated as well as the 35-40 kDa glycosylated forms of AQP2.

Synonyms:

Aquaporin 2, AQP-2, Aquaporin2

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm, Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

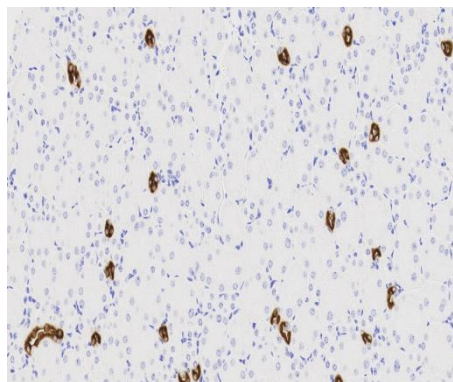
Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium

high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse kidney, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:AQP2(B36458S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.