

Aquaporin 4 Recombinant antibody

Cat:B36253S

Company: HaoKebio

Uniprot ID:P55087

Applications: IHC:1:50-1:500

Organism:Rabbit

IHC-Polymer:1:200-1:2000

Species reactivity:Human Mouse Rat

IHC-TSA:1:250-1:2500

Molecular Weight Calculation: 323 aa, 35 kDa

WB:1:5000-1:50000

Observed Molecular Weight: 32-34 kDa

Background:

Aquaporins are specialized water transport channels in plasma membranes of water-permeable tissues. Aquaporin-4 (AQP4) is the most abundant water channel in the human central nervous system and is important to fluid movements in brain. Aquaporin-4 exists as two isoforms, a long (M1) isoform with translation initiation at Met-1, and a shorter (M23) isoform with translation initiation at Met-23, with molecular weights around 35-37 kDa and 32-34 kDa, respectively.

Synonyms:

AQP4, 240856C7, AQP 4, AQP-4, Aquaporin4

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

Storage:

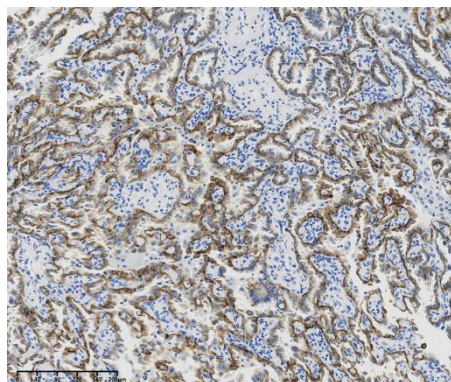
Store at -20 °C for one year.

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 tumor, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Aquaporin 4(B36253S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Aquaporin 4(B36253S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.