

# 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

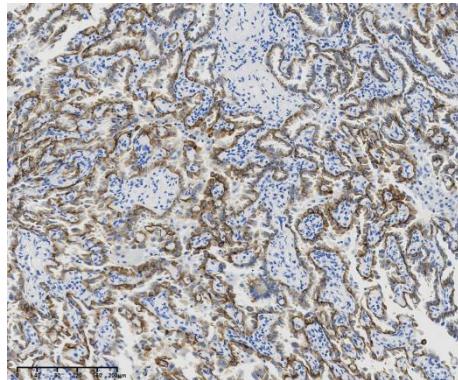
**Molecular Weight Calculation:** 323 aa, 35 kDa

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. A quaporin-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.

dium 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.

**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, me