

## AQP4 RABBIT PAB

**Cat.#:** S213462

**Product Name:** Anti-AQP4 Rabbit Polyclonal Antibody

**Synonyms:** MIWC; HMIWC2

**UNIPROT ID:** P55087 (Gene Accession - NP\_001641)

**Background:** This gene encodes a member of the aquaporin family of intrinsic membrane proteins that function as water-selective channels in the plasma membranes of many cells. The encoded protein is the predominant aquaporin found in brain. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

**Immunogen:** Synthetic peptide of human AQP4

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;WB: 200-1000;ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

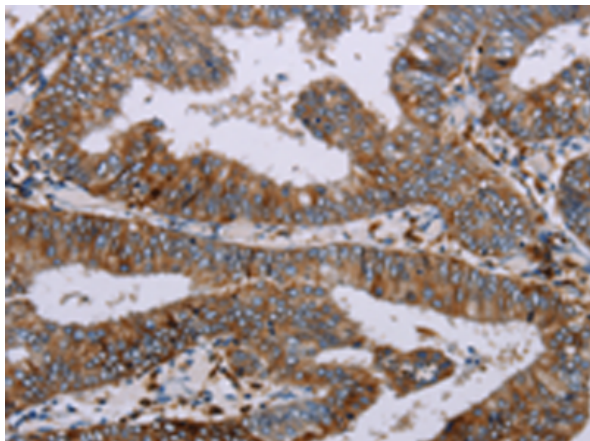
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

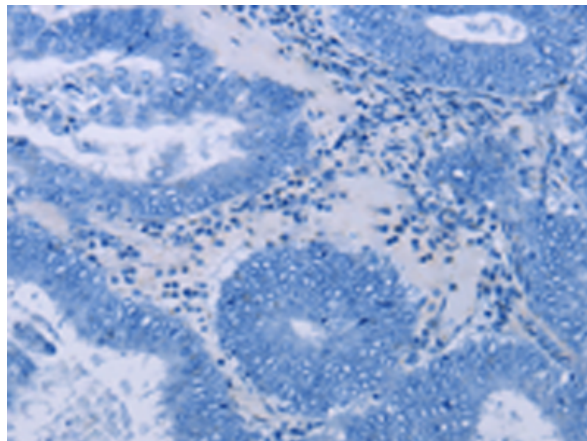
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism

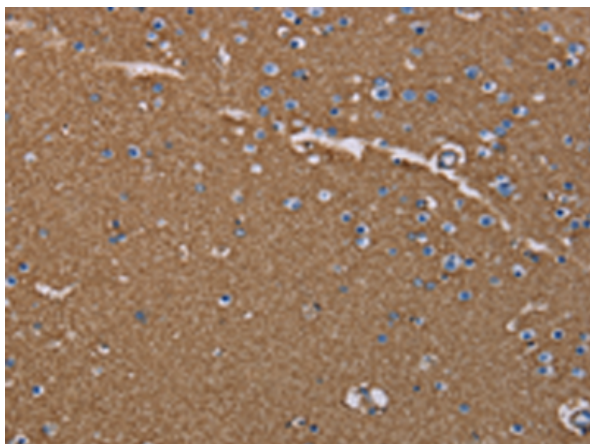
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



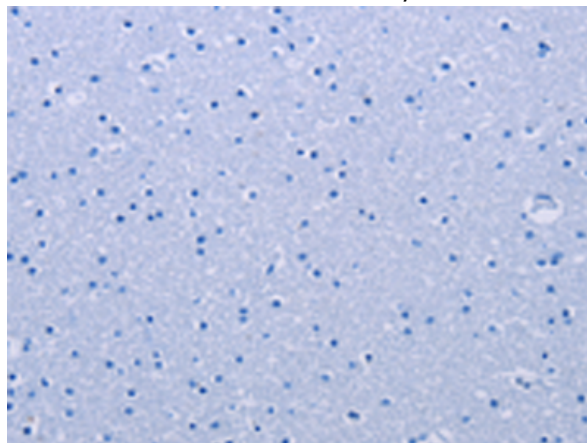
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 213462(AQP4 Antibody) at a dilution of 1/20(Cytoplasm).



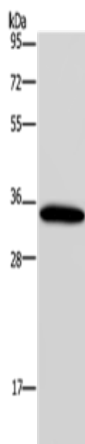
In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the synthetic peptide and then with 213462(Anti-AQP4 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 213462(Anti-AQP4 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with synthetic peptide and then with D160223(Anti-AQP4 Antibody) at dilution 1/20.



Gel: 10%SDS-PAGE, Lysate: 40 µg;  
Lane: Mouse heart tissue;  
Primary antibody: 213462(AQP4 Antibody) at dilution 1/200;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 1 minute



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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