

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **AQP2 RABBIT PAB**

Cat.#: S219658

**Product Name:** Anti-AQP2 Rabbit Polyclonal Antibody

Synonyms:

UNIPROT ID: P41181 (Gene Accession - NP\_000477)

**Background:** The basic job of aquaporin 2 is to reabsorb water from the urine while its being removed from the blood by the kidney. Aquaporin 2 is in kidney epithelial cells and usually lies dormant in intracellular vesicle membranes, but when it is needed vasopressin binds to the cell surface vasopressin receptor, activating a signaling pathway that causes the aquaporin 2 containing vesicles to fuse with the plasma membrane so the aquaporin 2 can be used by the cell.

**Immunogen:** Synthetic peptide of human AQP2

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05%

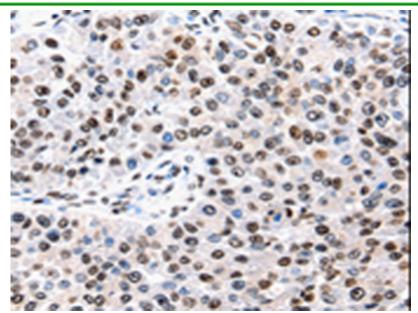
Sodium Azide and 40% glycerol **Research Areas:** Metabolism

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



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Immunohistochemistry analysis of paraffin-embedded Human renal cancer tissue using 219658(AQP2 Antibody) at a dilution of 1/50(Cytoplasm, Nucleus).