

## AGTR2 RABBIT PAB

**Cat.#:** S213806

**Product Name:** Anti-AGTR2 Rabbit Polyclonal Antibody

**Synonyms:** AT2; ATGR2; MRX88

**UNIPROT ID:** P50052 (Gene Accession - NP\_000677 )

**Background:** The protein encoded by this gene belongs to the G-protein coupled receptor 1 family, and functions as a receptor for angiotensin II. It is an intergral membrane protein that is highly expressed in fetus, but scantily in adult tissues, except brain, adrenal medulla, and atretic ovary. This receptor has been shown to mediate programmed cell death and this apoptotic function may play an important role in developmental biology and pathophysiology. Mutations in this gene are been associated with X-linked mental retardation.

**Immunogen:** Synthetic peptide of human AGTR2

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

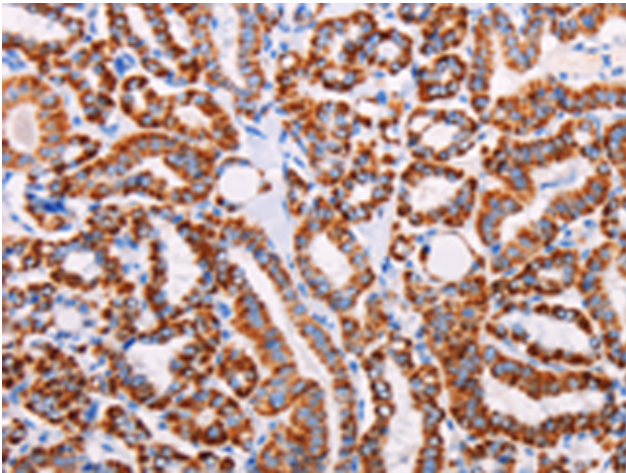
**Purification:** Antigen affinity purification

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

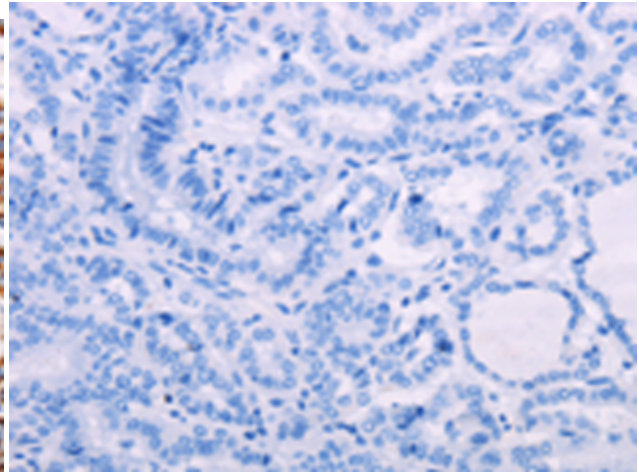
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Cardiovascular

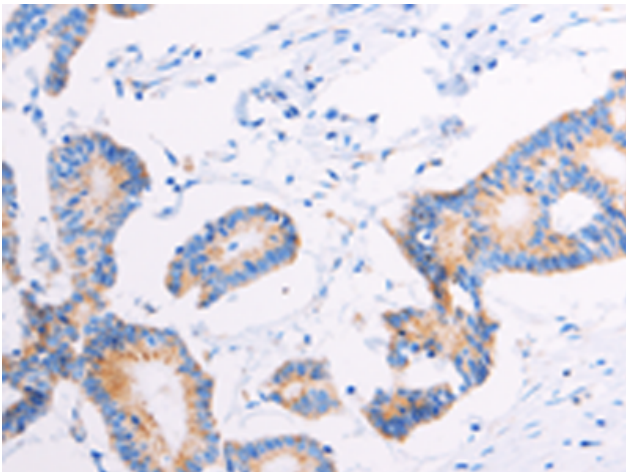
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



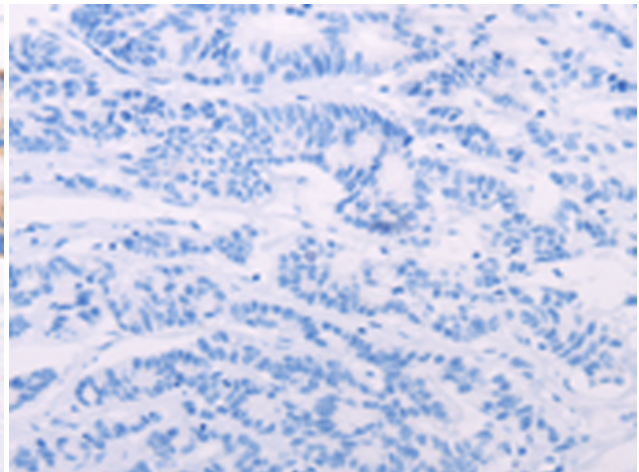
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 213806 (AGTR2 Antibody) at a dilution of 1/15 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 213806 (Anti-AGTR2 Antibody) at dilution 1/15.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 213806 (Anti-AGTR2 Antibody) at a dilution of 1/15.



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with synthetic peptide and then with D160864 (Anti-AGTR2 Antibody) at dilution 1/15.