

## GPR171 RABBIT PAB

**Cat.#:** S220585

**Product Name:** Anti-GPR171 Rabbit Polyclonal Antibody

**Synonyms:** H963

**UNIPROT ID:** O14626 (Gene Accession - NP\_037440 )

**Background:** Probable G-protein coupled receptor 171 (GPR171) is a protein that in humans is encoded by the GPR171 gene. One of the most abundant peptides in brain, LENS SPQAPARRLLPP (named BigLEN), which can activate GPR171. Additional studies showed that the BigLEN $\mu$ GPR171 system plays an important role in regulating feeding and metabolism in mice. Thus, GPR171 is a potential target for developing antiobesity drugs.

**Immunogen:** Synthetic peptide of human GPR171

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

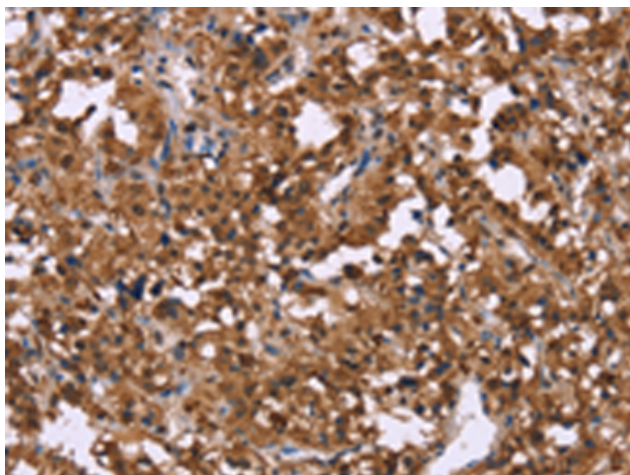
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

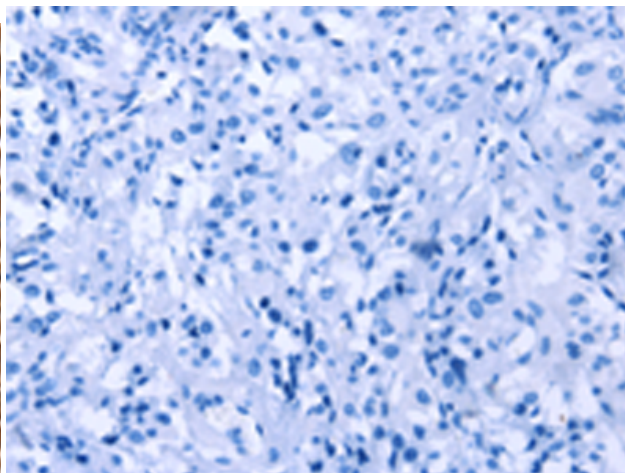
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Cardiovascular

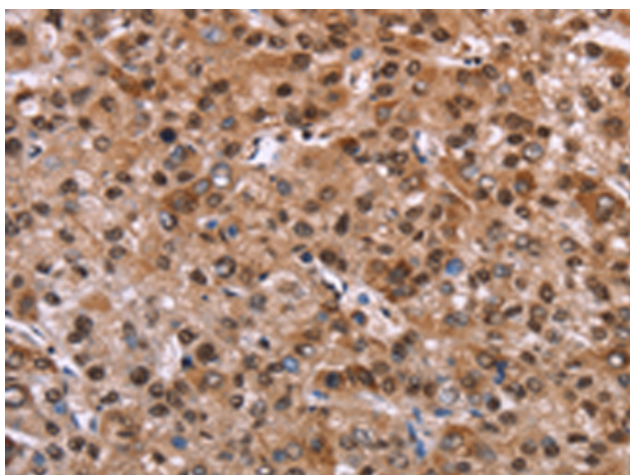
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



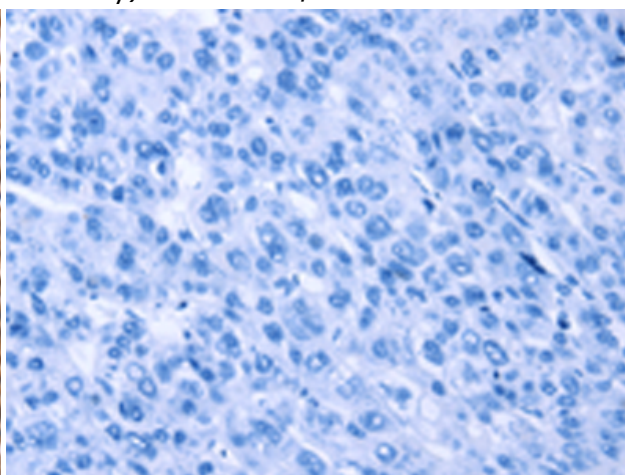
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 220585(GPR171 Antibody) at a dilution of 1/40(Cytoplasm or Nucleus).



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 220585(Anti-GPR171 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 220585(Anti-GPR171 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D261725(Anti-GPR171 Antibody) at dilution 1/40.