

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **GPR55 RABBIT PAB**

Cat.#: S221822

Product Name: Anti-GPR55 Rabbit Polyclonal Antibody

Synonyms: LPIR1

**UNIPROT ID:** Q9Y2T6 (Gene Accession - NP\_005674)

**Background:** This gene belongs to the G-protein-coupled receptor superfamily. The encoded integral membrane protein is a likely cannabinoid receptor. It may be involved in several physiological and

pathological processes by activating a variety of signal transduction pathways.

Immunogen: Synthetic peptide of human GPR55

Applications: ELISA, WB, IHC

**Recommended Dilutions:** IHC: 30-150;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

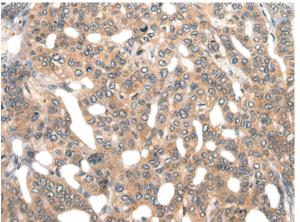
Research Areas: Signal Transduction, Metabolism, Cardiovascular

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

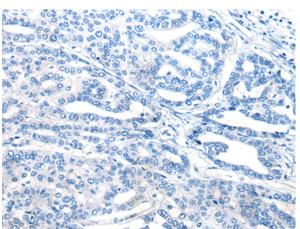


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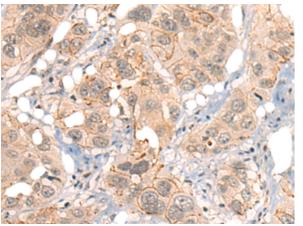
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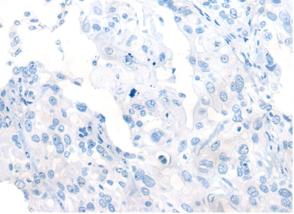
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221822(GPR55 Antibody) at a dilution of 1/40(Cell membrane).



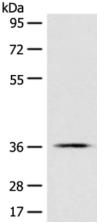
In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221822(Anti-GPR55 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 221822(Anti-GPR55 Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with synthetic peptide and then with D263583(Anti-GPR55 Antibody) at dilution 1/40.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane: PC-3 cell lysate;

Primary antibody: 221822(GPR55 Antibody) at

dilution 1/500;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 3



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