

HRH3 RABBIT PAB

Cat.#: S220609

Product Name: Anti-HRH3 Rabbit Polyclonal Antibody

Synonyms: HH3R; GPCR97

UNIPROT ID: Q9Y5N1 (Gene Accession - NP_009163)

Background: Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by histamine receptors H1, H2, H3 and H4. This gene encodes one of the histamine receptors (H3) which belongs to the family 1 of G protein-coupled receptors. It is an integral membrane protein and can regulate neurotransmitter release. This receptor can also increase voltage-dependent calcium current in smooth muscles and innervates the blood vessels and the heart in cardiovascular system.

Immunogen: Synthetic peptide of human HRH3

Applications: ELISA, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

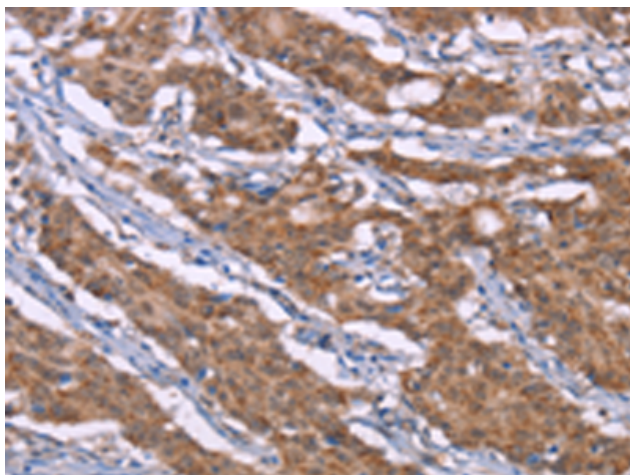
Purification: Antigen affinity purification

Species Reactivity: Human

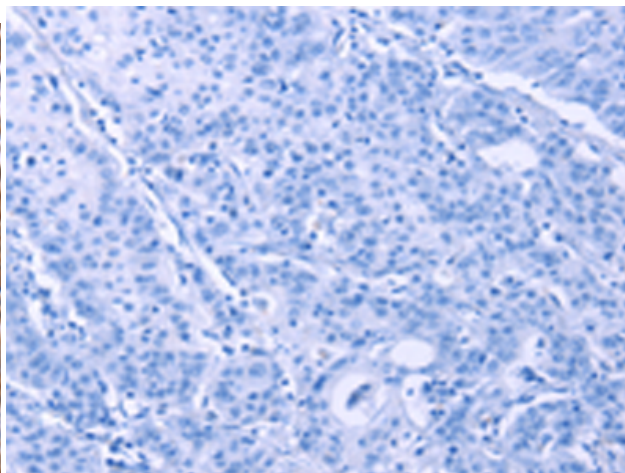
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Neuroscience

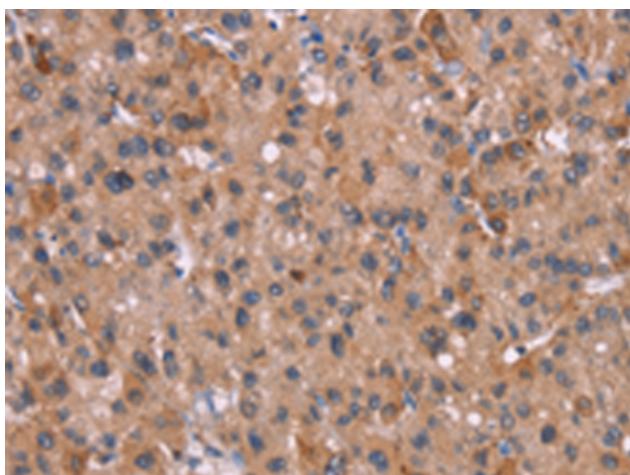
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



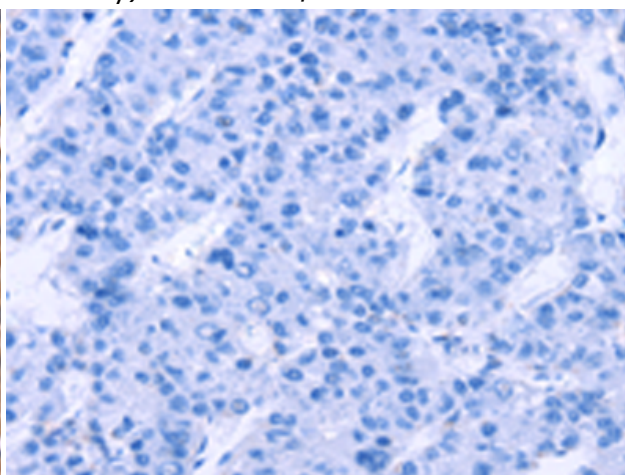
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 220609 (HRH3 Antibody) at a dilution of 1/40 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 220609 (Anti-HRH3 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 220609 (Anti-HRH3 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 D261761 (Anti-HRH3 Antibody) at dilution 1/40.