

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

LHCGR RABBIT PAB

Cat.#: S215241

Product Name: Anti-LHCGR Rabbit Polyclonal Antibody

Synonyms: HHG; LHR; LCGR; LGR2; ULG5; LHRHR; LSH-R; LH/CGR; LH/CG-R

UNIPROT ID: P22888 (Gene Accession - NP_000224)

Background: This gene encodes the receptor for both luteinizing hormone and

choriogonadotropin. This receptor belongs to the G-protein coupled receptor I family, and its activity is mediated by G proteins which activate adenylate cyclase. Mutations in this gene result in disorders of male secondary sexual character development, including familial male precocious puberty, also known as testotoxicosis, hypogonadotropic hypogonadism, Leydig cell adenoma with precocious puberty, and male pseudohermaphtoditism with Leydig cell hypoplasia.

Immunogen: Synthetic peptide of human LHCGR

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; 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

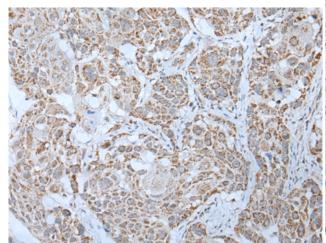
Research Areas: Signal Transduction, Neuroscience

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

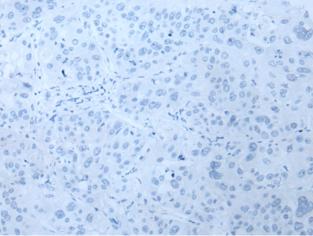


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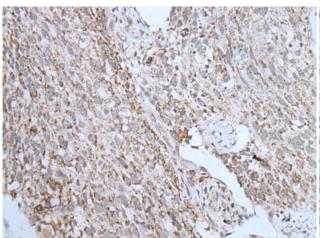
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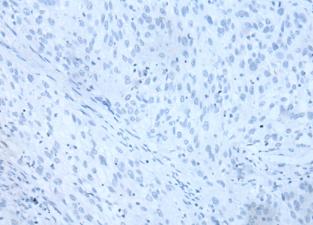
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 215241(LHCGR Antibody) at a dilution of 1/20(Cell membrane).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 215241(Anti-LHCGR Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffinembedded Human lung cancer tissue using 215241(Anti-LHCGR Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with synthetic peptide and then with D163084(Anti-LHCGR Antibody) at dilution 1/20.