

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **GH2 RABBIT PAB**

Cat.#: S217475

**Product Name:** Anti-GH2 Rabbit Polyclonal Antibody

Synonyms: GHL; GHV; GH-V; hGH-V

UNIPROT ID: P01242 (Gene Accession - BC020760)

**Background:** The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. The five genes share a remarkably high degree of sequence identity. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization.

Immunogen: Fusion protein of human GH2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human

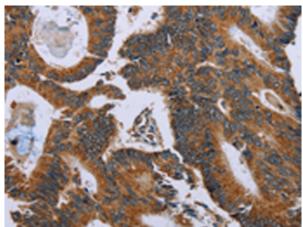
**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Signal Transduction

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

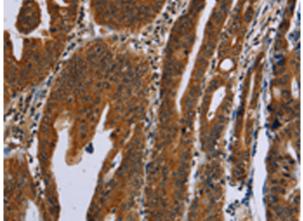


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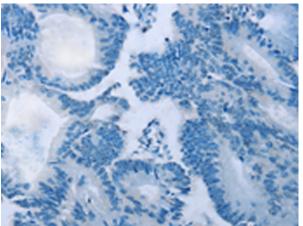
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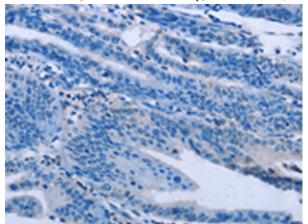
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 217475(GH2 Antibody) at a dilution of 1/60(Cytoplasm).



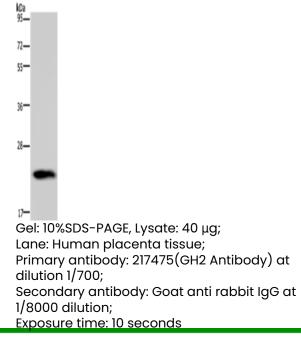
The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 217475(Anti-GH2 Antibody) at a dilution of 1/60.



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 217475(Anti-GH2 Antibody) at dilution 1/60.



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with fusion protein and then with D222416(Anti-GH2 Antibody) at dilution 1/60.





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