

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **GFI1 RABBIT PAB**

Cat.#: S222077

Product Name: Anti-GFII Rabbit Polyclonal Antibody

Synonyms: SCN2; GFI-1; GFI1A; ZNF163

UNIPROT ID: Q99684 (Gene Accession - NP\_005254)

**Background:** This gene encodes a nuclear zinc finger protein that functions as a transcriptional repressor. This protein plays a role in diverse developmental contexts, including hematopoiesis and oncogenesis. It functions as part of a complex along with other cofactors to control histone modifications that lead to silencing of the target gene promoters. Mutations in this gene cause autosomal dominant severe congenital neutropenia, and also dominant nonimmune chronic idiopathic neutropenia of adults, which are heterogeneous hematopoietic disorders that cause predispositions to leukemias and infections. Multiple alternatively spliced variants, encoding the same protein, have been identified for this gene.

Immunogen: Synthetic peptide of human GFII

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 50-300; ELISA: 5000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

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

glycerol

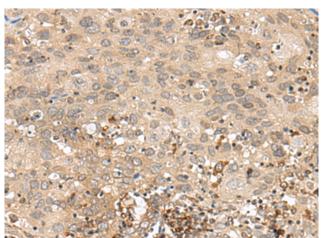
Research Areas: Epigenetics and Nuclear Signaling

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

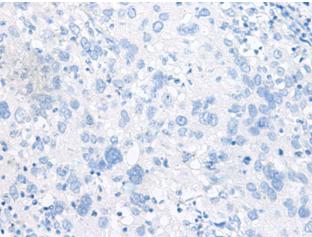


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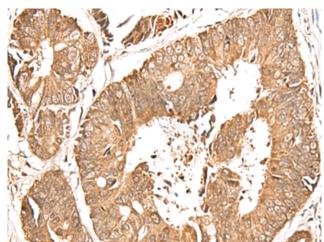
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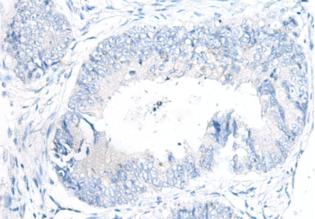
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 222077(GFII Antibody) at a dilution of 1/60(Nucleus and Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 222077(Anti-GFII . Antibody) at dilution 1/60.



The image on the left is immunohistochemistry of paraffinembedded Human colorectal cancer tissue using 222077(Anti-GFII Antibody) at a dilution peptide and then with D263984(Anti-GFII of 1/60.



In comparision with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with synthetic Antibody) at dilution 1/60.