

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **IFI16 RABBIT PAB**

Cat.#: S221438

Product Name: Anti-IFI16 Rabbit Polyclonal Antibody

Synonyms: PYHIN2; IFNGIP1

UNIPROT ID: Q16666 (Gene Accession - NP\_005522)

**Background:** This gene encodes a member of the HIN-200 (hematopoietic interferon-inducible nuclear antigens with 200 amino acid repeats) family of cytokines. The encoded protein contains domains involved in DNA binding, transcriptional regulation, and protein-protein interactions. The protein localizes to the nucleoplasm and nucleoli, and interacts with p53 and retinoblastoma-1. It modulates p53 function, and inhibits cell growth in the Ras/Raf signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Immunogen: Synthetic peptide of human IFI16

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

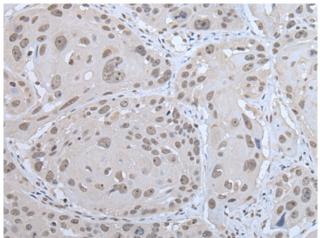
**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Metabolism, Cancer, Cell Biology **Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

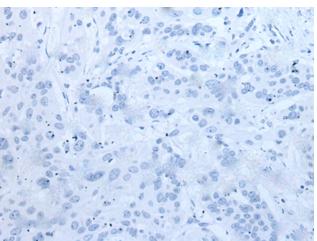


## **Product Description**

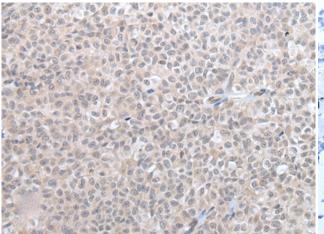
Pioneering GTPase and Oncogene Product Development since 2010



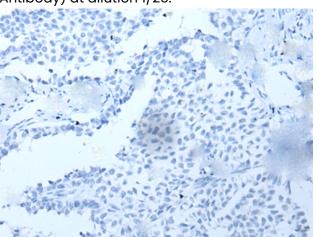
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 221438(IFI16 Antibody) at a dilution of 1/25(Nucleus).



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 221438(Anti-IFI16 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffinembedded Human ovarian cancer tissue using 221438(Anti-IFI16 Antibody) at a dilution of 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D263029(Anti-IFI16 Antibody) at dilution 1/25.