

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HNF1A RABBIT PAB

Cat.#: S219854

Product Name: Anti-HNF1A Rabbit Polyclonal Antibody **Synonyms:** HNF1; LFB1; TCF1; MODY3; TCF-1; HNF-1A; IDDM20 **UNIPROT ID:** P20823 (Gene Accession - NP_000536)

Background: The protein encoded by this gene is a transcription factor required for the expression of several liver-specific genes. The encoded protein functions as a homodimer and binds to the inverted palindrome 5'-GTTAATNATTAAC-3'. Defects in this gene are a cause of maturity onset diabetes of the young type 3 (MODY3) and also can result in the appearance of hepatic adenomas. Alternative splicing results in multiple transcript variants encoding different isoforms.

Immunogen: Synthetic peptide of human HNF1A

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 30-150;WB: 200-1000;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

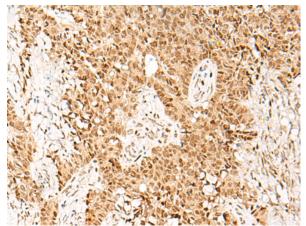
Research Areas: Epigenetics and Nuclear Signaling

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

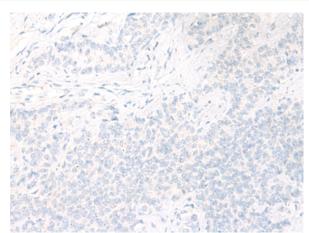


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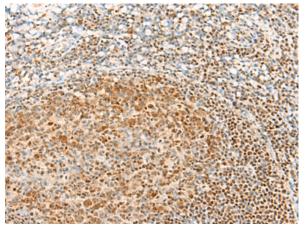
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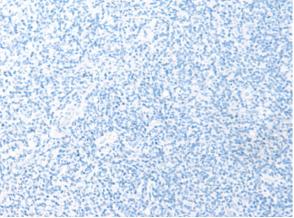
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 219854(HNF1A Antibody) at a dilution of 1/30(Nucleus).



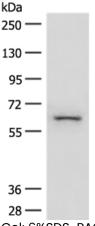
In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 219854(Anti-HNF1A Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 219854(Anti-HNF1A Antibody) at a dilution of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with synthetic peptide and then with D260491(Anti-HNF1A Antibody) at dilution 1/30.



Gel: 6%SDS-PAGE, Lysate: 40 µg;

Lane: Hela cell lysate;

Primary antibody: 219854(HNF1A Antibody) at

dilution 1/250;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 10 seconds



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