

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **NOS2 RABBIT PAB**

Cat.#: S220850

**Product Name:** Anti-NOS2 Rabbit Polyclonal Antibody

Synonyms: NOS; INOS; NOS2A; HEP-NOS

UNIPROT ID: P35228 (Gene Accession - NP\_000616)

**Background:** Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. Three related pseudogenes are located within the Smith-Magenis syndrome region on chromosome 17.

Immunogen: Synthetic peptide of human NOS2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-2000

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

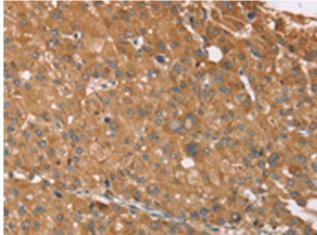
Research Areas: Cancer, Cardiovascular, Metabolism, Neuroscience

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

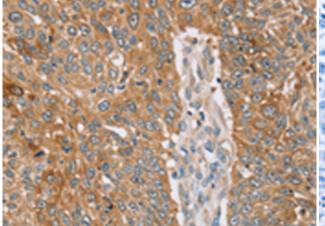


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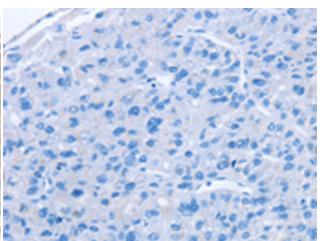
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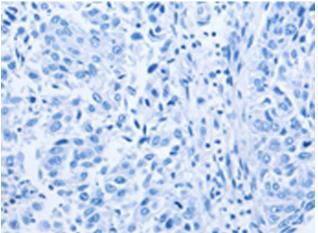
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220850(NOS2 Antibody) at a dilution of 1/25(Cytoplasm).



The image on the left is immunohistochemistry of paraffinembedded Human lung cancer tissue using 220850(Anti-NOS2 Antibody) at a dilution of 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220850(Anti-NOS2 Antibody) at dilution 1/25.



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 D262121(Anti-NOS2 Antibody) at dilution 1/25.