

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

IRS2 RABBIT PAB

Cat.#: S219871

Product Name: Anti-IRS2 Rabbit Polyclonal Antibody

Synonyms: IRS-2

UNIPROT ID: Q9Y4H2 (Gene Accession - NP_003740)

Background: This gene encodes the insulin receptor substrate 2, a cytoplasmic signaling molecule that mediates effects of insulin, insulin-like growth factor 1, and other cytokines by acting as a molecular adaptor between diverse receptor tyrosine kinases and downstream effectors. The product of this gene is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation, as well as by an interleukin 4 receptor-associated kinase in response to IL4 treatment.

Immunogen: Synthetic peptide of human IRS2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

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

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

glycerol

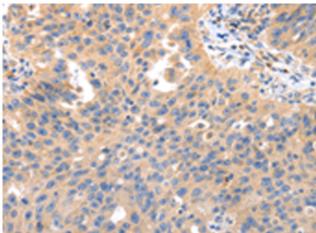
Research Areas: Metabolism, Signal Transduction, Cardiovascular

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

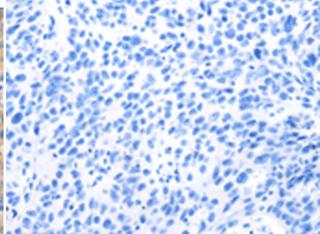


Product Description

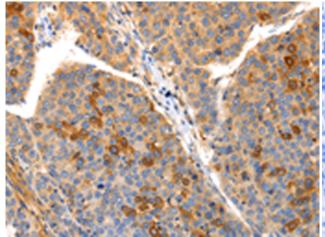
Pioneering GTPase and Oncogene Product Development since 2010



Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 219871(IRS2 Antibody) at a dilution of 1/50(Cytoplasm).



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 219871(Anti-IRS2 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffinembedded Human liver cancer tissue using 219871(Anti-IRS2 Antibody) at a dilution of 1/50.

In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D260523(Anti-IRS2 Antibody) at dilution 1/50.