

FGFR4 RABBIT PAB

Cat.#: S221236

Product Name: Anti-FGFR4 Rabbit Polyclonal Antibody

Synonyms: TKF; JTK2; CD334

UNIPROT ID: P22455 (Gene Accession - NP_002002)

Background: The protein encoded by this gene is a tyrosine kinase and cell surface receptor for fibroblast growth factors. The encoded protein is involved in the regulation of several pathways, including cell proliferation, cell differentiation, cell migration, lipid metabolism, bile acid biosynthesis, vitamin D metabolism, glucose uptake, and phosphate homeostasis. This protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment, and a cytoplasmic tyrosine kinase domain. The extracellular portion interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation.

Immunogen: Synthetic peptide of human FGFR4

Applications: ELISA, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

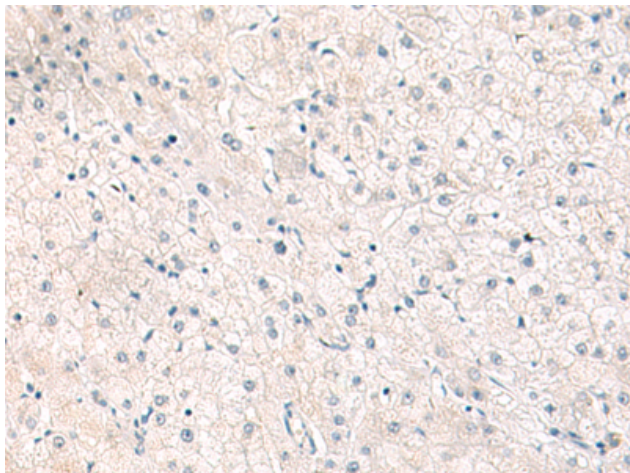
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

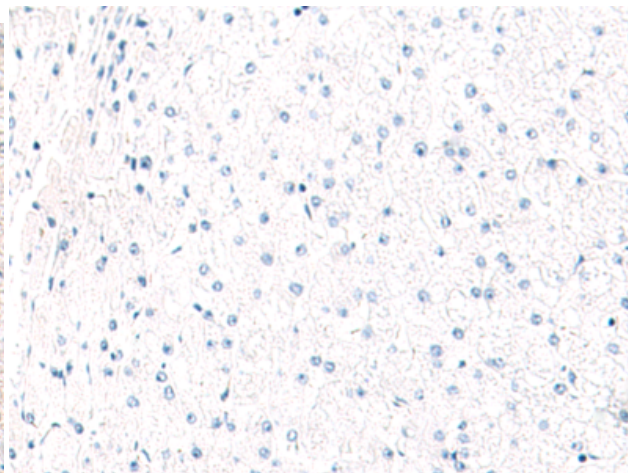
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer, Cell Biology, Neuroscience, Cardiovascular, Stem Cells

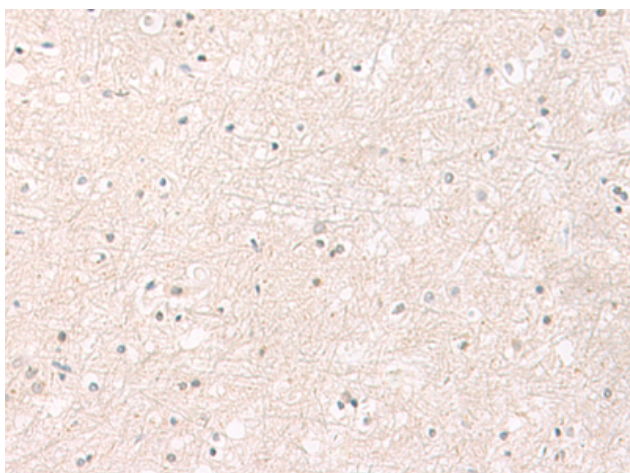
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



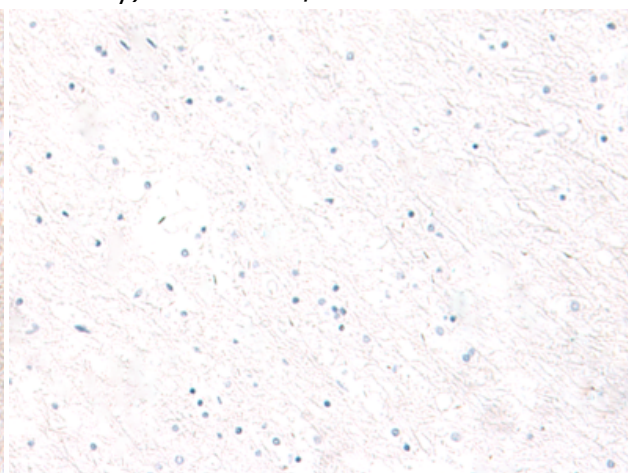
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221236(FGFR4 Antibody) at a dilution of 1/25(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221236(Anti-FGFR4 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 221236(Anti-FGFR4 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with synthetic peptide and then with D262747(Anti-FGFR4 Antibody) at dilution 1/25.