

FGF2 RABBIT PAB

Cat.#: S219671

Product Name: Anti-FGF2 Rabbit Polyclonal Antibody

Synonyms: BFGF; FGFB; FGF-2; HBGF-2

UNIPROT ID: P09038 (Gene Accession - NP_001997)

Background: The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF.

Immunogen: Synthetic peptide of human FGF2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-100;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

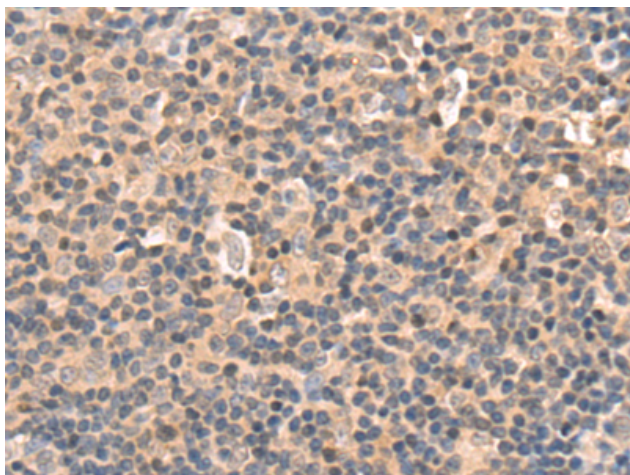
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

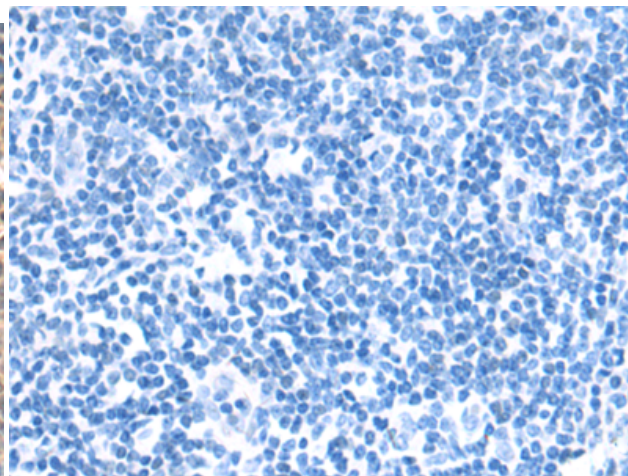
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

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

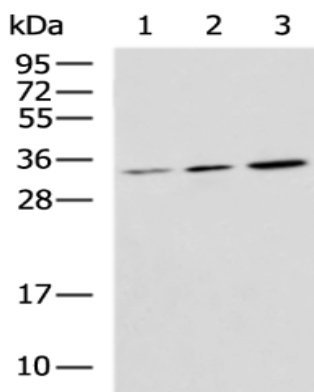
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 219671(FGF2 Antibody) at a dilution of 1/50(Secreted).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 219671(Anti-FGF2 Antibody) at dilution 1/50.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
 Lane 1-3: HeLa cell, HepG2 cell, LOVO cell lysates;
 Primary antibody: 219671(FGF2 Antibody) at dilution 1/400;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 15 seconds