KLF2 RABBIT PAB

Cat.#: S220660

Product Name: Anti-KLF2 Rabbit Polyclonal Antibody

Synonyms: LKLF

UNIPROT ID: Q9Y5W3 (Gene Accession - NP_057354)

Background: This gene encodes a protein that belongs to the Kruppel family of transcription factors. The encoded zinc finger protein is expressed early in mammalian development and is found in many different cell types. The protein acts to bind the CACCC box found in the promoter of target genes to activate their transcription. It plays a role in many processes during development and disease including adipogenesis, embryonic erythropoiesis, epithelial integrity, inflammation and t-cell viability.

Immunogen: Synthetic peptide of human KLF2

Applications: ELISA, WB, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

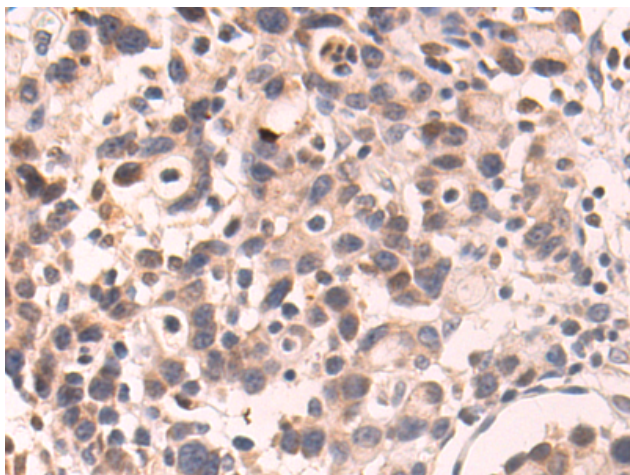**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human

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, Cardiovascular

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

Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 220660(KLF2 Antibody) at a dilution of 1/50(Nucleus and Cytoplasm).
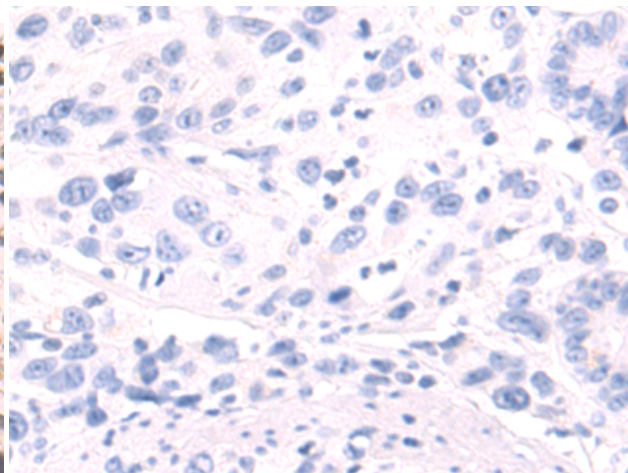
In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 220660(Anti-KLF2 Antibody) at dilution 1/50.
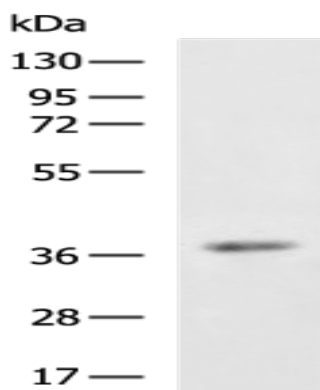
Gel: 8%SDS-PAGE, Lysate: 40 μg;
Lane: A549 cell lysate;
Primary antibody: 220660(KLF2 Antibody) at dilution 1/600;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 20 seconds