

ST18 RABBIT PAB

Cat.#: S217857

Product Name: Anti-ST18 Rabbit Polyclonal Antibody

Synonyms: NZF3; ZNF387; ZC2HC10

UNIPROT ID: O60284 (Gene Accession - BC117147)

Background: ST18 (suppression of tumorigenicity 18), also known as ZNF387 ((zinc finger protein 387), is a 1,047 amino acid nuclear protein that is expressed at low levels in heart, liver, kidney, skeletal muscle, pancreas, testis, ovary and prostate. Containing six C2HC-type zinc fingers and an SMC domain, ST18 is a repressor protein that binds to DNA sequences containing a specific bipartite element. ST18 is considered a transcription factor that represses basal transcription activity from target promoters and inhibits colony formation in cultured breast cancer cells.

Immunogen: Fusion protein of human ST18

Applications: ELISA, IHC

Recommended Dilutions: IHC: 40-150; ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

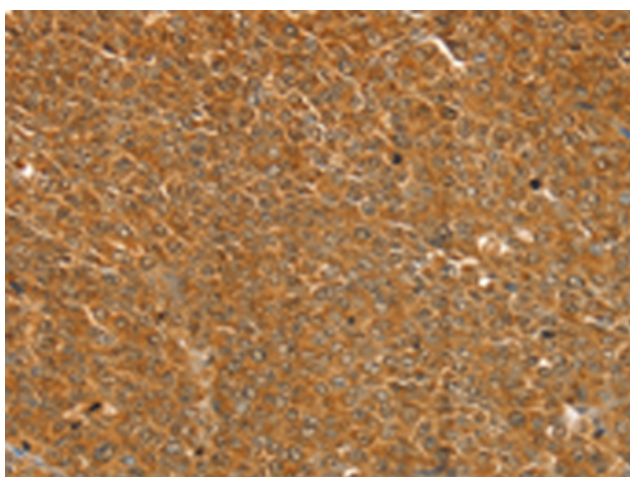
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

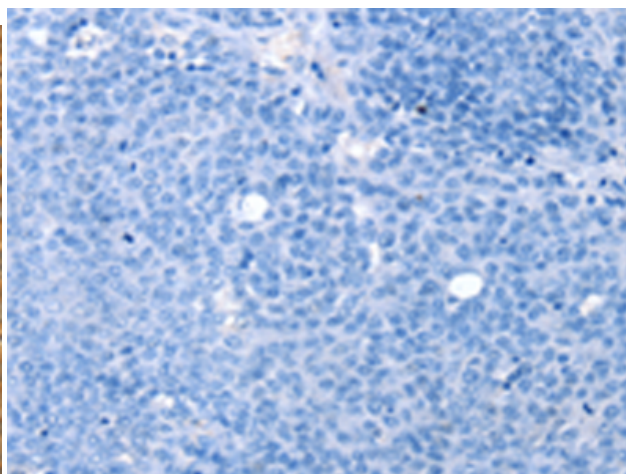
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling, Stem Cells

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



Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 217857(ST18 Antibody) at a dilution of 1/50(Nucleus and Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the fusion protein and then with 217857(Anti-ST18 Antibody) at dilution 1/50.