

BMP3 RABBIT PAB

Cat.#: S210170

Product Name: Anti-BMP3 Rabbit Polyclonal Antibody

Synonyms: BMP-3A

UNIPROT ID: P12645 (Gene Accession - BC096269)

Background: BMP3 belongs to the transforming growth factor-beta (TGFB) superfamily. Bone morphogenic protein, also known as osteogenin, induces bone formation. Negatively regulates bone density. Antagonizes the ability of certain osteogenic BMPs to induce osteoprogenitor differentiation and ossification. Expressed in adult and fetal cartilage. Highly expressed in fracture tissue, particularly in osteoblasts, osteoclasts and chondroblasts.

Immunogen: Fusion protein of human BMP3

Applications: ELISA, IHC

Recommended Dilutions: IHC: 15-50; ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

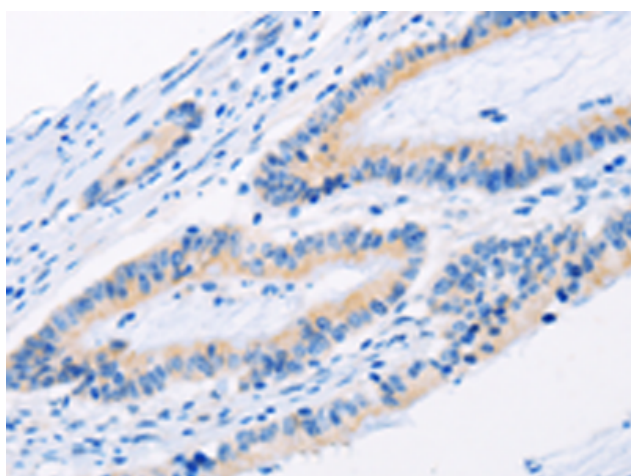
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

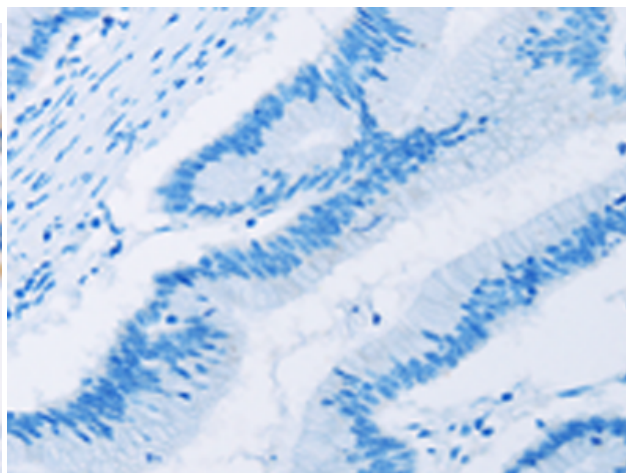
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction

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



Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 210170 (BMP3 Antibody) at a dilution of 1/30 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 210170 (Anti-BMP3 Antibody) at dilution 1/30.