

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **GDF10 RABBIT PAB**

Cat.#: S221242

**Product Name:** Anti-GDF10 Rabbit Polyclonal Antibody

Synonyms: BIP; BMP3B; BMP-3b

UNIPROT ID: P55107 (Gene Accession - NP\_004953)

Background: This gene encodes a secreted ligand of the TGF-beta (transforming growth factorbeta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfidelinked homodimer. This promotes neural repair after stroke. Additionally, this protein may act as a

tumor suppressor and reduced expression of this gene is associated with oral cancer.

Immunogen: Synthetic peptide of human GDF10

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 25-50; 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

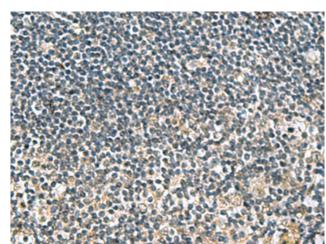
**Research Areas:** Signal Transduction, Cancer, Stem Cells

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

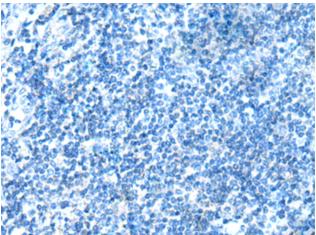


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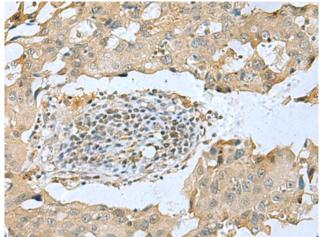
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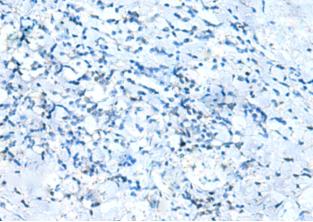
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 221242(GDF10 Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 221242(Anti-GDF10 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffinembedded Human breast cancer tissue using cancer tissue is first treated with synthetic 221242(Anti-GDF10 Antibody) at a dilution of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human breast peptide and then with D262756(Anti-GDF10 Antibody) at dilution 1/30.