

## WNT10B RABBIT PAB

**Cat.#:** S221143

**Product Name:** Anti-WNT10B Rabbit Polyclonal Antibody

**Synonyms:** SHFM6; STHAG8; WNT-12

**UNIPROT ID:** O00744 (Gene Accession - NP\_003385 )

**Background:** The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It may be involved in breast cancer, and its protein signaling is likely a molecular switch that governs adipogenesis. This protein is 96% identical to the mouse Wnt10b protein at the amino acid level. This gene is clustered with another family member, WNT1, in the chromosome 12q13 region.

**Immunogen:** Synthetic peptide of human WNT10B

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 1000-5000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

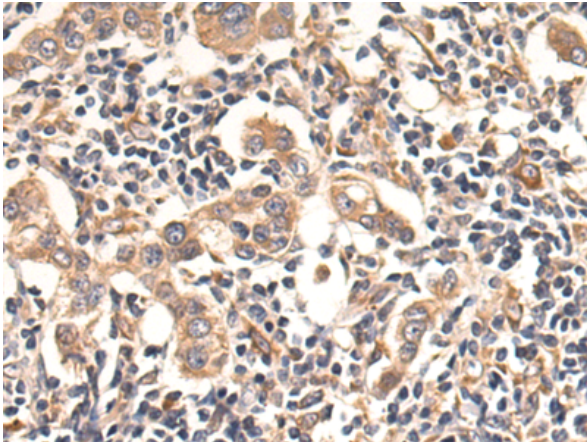
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

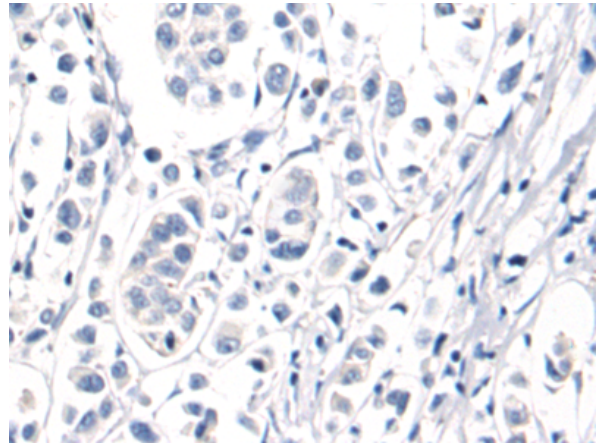
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Neuroscience, Signal Transduction

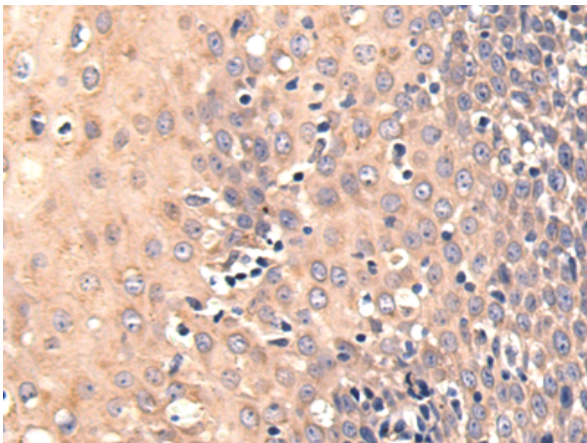
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



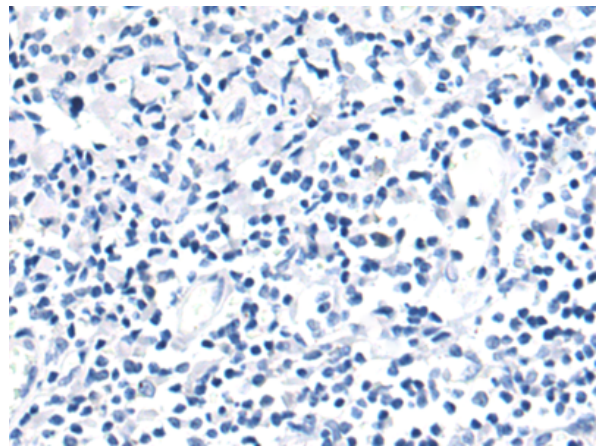
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 221143(WNT10B Antibody) at a dilution of 1/50(Cytoplasm).



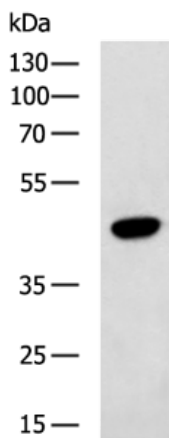
In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 221143(Anti-WNT10B Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 221143(Anti-WNT10B Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with synthetic peptide and then with D262612(Anti-WNT10B Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
Lane: Human placenta tissue lysate;  
Primary antibody: 221143(WNT10B Antibody) at dilution 1/800;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 30 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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