

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## TBX3 RABBIT PAB

Cat.#: S221332

Product Name: Anti-TBX3 Rabbit Polyclonal Antibody

Synonyms: UMS; XHL; TBX3-ISO

UNIPROT ID: 015119 (Gene Accession - NP\_057653)

**Background:** This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This protein is a transcriptional repressor and is thought to play a role in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mammary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative splicing of this gene results in three transcript variants encoding different isoforms; however, the full length nature of one variant has not been determined.

**Immunogen:** Synthetic peptide of human TBX3

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, Mouse, Rat

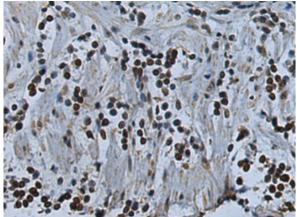
**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Epigenetics and Nuclear Signaling, Developmental Biology

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

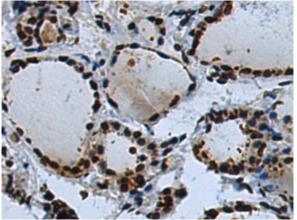


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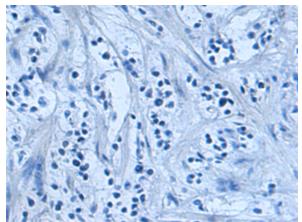
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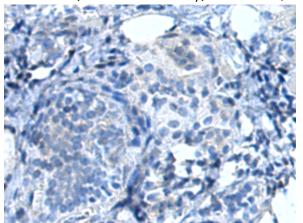
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 221332(TBX3 Antibody) at a dilution of 1/35(Nucleus).



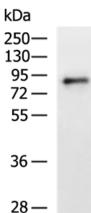
using 221332(Anti-TBX3 Antibody) at a dilution of 1/35.



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 221332(Anti-TBX3 Antibody) at dilution 1/35.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D262879(Anti-TBX3 Antibody) at dilution 1/35.



Gel: 6%SDS-PAGE, Lysate: 40 µg; Lane: HepG2 cell lysate; Primary antibody: 221332(TBX3 Antibody) at dilution 1/800; Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution; Exposure time: 2 minutes



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