

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **WDR45 RABBIT PAB**

Cat.#: S218021

**Product Name:** Anti-WDR45 Rabbit Polyclonal Antibody **Synonyms:** JM5; NBIA4; NBIA5; WDRX1; WIPI4; WIPI-4 **UNIPROT ID:** Q9Y484 (Gene Accession - BC000464)

**Background:** This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene has a pseudogene at chromosome 4q31.3. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the biological validity and full-length nature of some variants have not been determined.

**Immunogen:** Fusion protein of human WDR45

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

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

glycerol

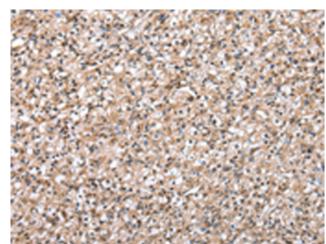
Research Areas: Cell Biology

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

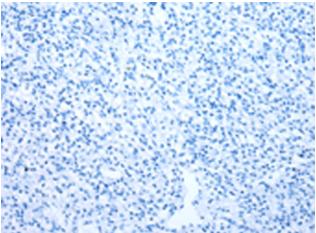


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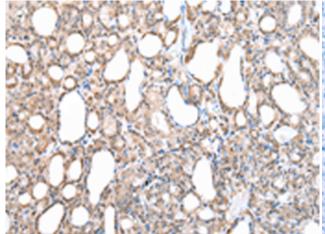
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Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 218021(WDR45 Antibody) at a dilution of 1/25(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the fusion protein and then with 218021(Anti-WDR45 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffinembedded Human thyroid cancer tissue using 218021(Anti-WDR45 Antibody) at a dilution of 1/25.

In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with fusion protein and then with D223563(Anti-WDR45 Antibody) at dilution 1/25.