

## PIWIL1 RABBIT PAB

**Cat.#:** S216731

**Product Name:** Anti-PIWIL1 Rabbit Polyclonal Antibody

**Synonyms:** HIWI, MIWI, PIWI

**UNIPROT ID:** Q96J94 (Gene Accession - BC028581)

**Background:** This gene encodes a member of the PIWI subfamily of Argonaute proteins, evolutionarily conserved proteins containing both PAZ and Piwi motifs that play important roles in stem cell self-renewal, RNA silencing, and translational regulation in diverse organisms. The encoded protein may play a role as an intrinsic regulator of the self-renewal capacity of germline and hematopoietic stem cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

**Immunogen:** Fusion protein of human PIWIL1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 1000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

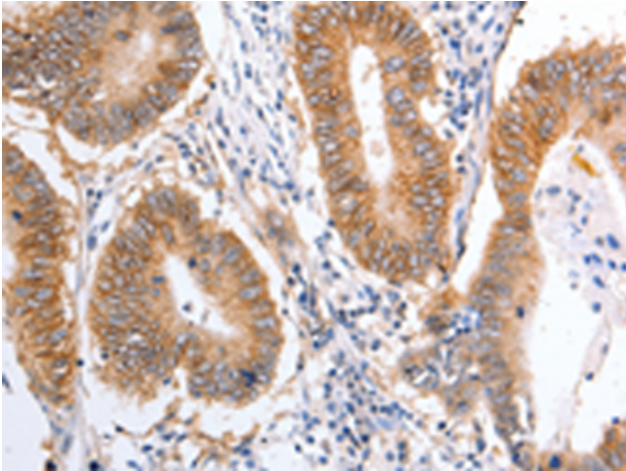
**Purification:** Antigen affinity purification

**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:** Epigenetics and Nuclear Signaling

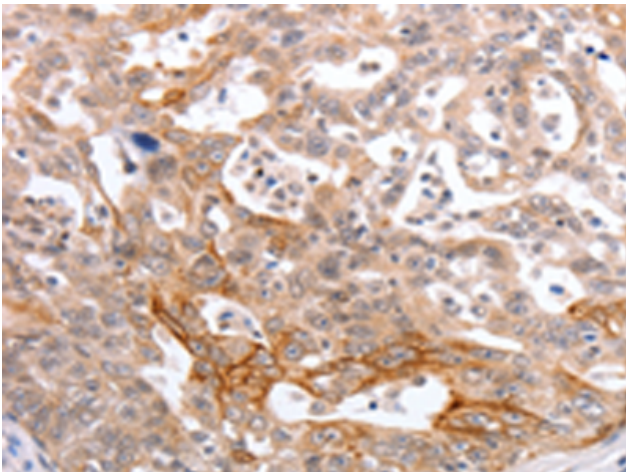
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



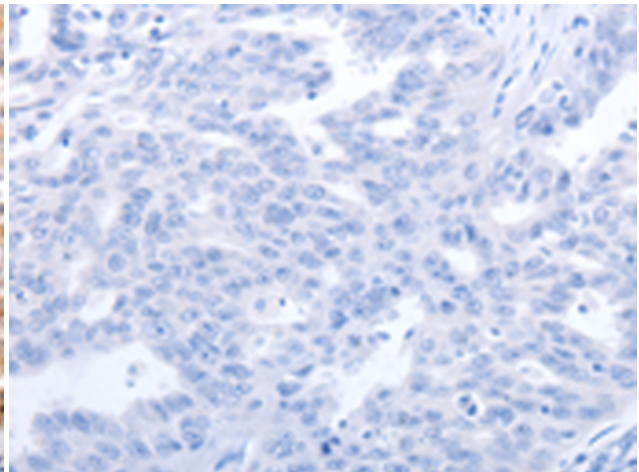
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 216731(PIWIL1 Antibody) at a dilution of 1/25(Cytoplasm).



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 216731(Anti-PIWIL1 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 216731(Anti-PIWIL1 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with fusion protein and then with D221136(Anti-PIWIL1 Antibody) at dilution 1/25.