

## PIAS3 RABBIT PAB

**Cat.#:** S220316

**Product Name:** Anti-PIAS3 Rabbit Polyclonal Antibody

**Synonyms:** ZMIZ5

**UNIPROT ID:** Q9Y6X2 (Gene Accession - NP\_006090 )

**Background:** This gene encodes a member of the PIAS [protein inhibitor of activated STAT (signal transducer and activator of transcription)] family of transcriptional modulators. The protein functions as a SUMO (small ubiquitin-like modifier)-E3 ligase which catalyzes the covalent attachment of a SUMO protein to specific target substrates. It directly binds to several transcription factors and either blocks or enhances their activity. Alternatively spliced transcript variants of this gene have been identified, but the full-length nature of some of these variants has not been determined.

**Immunogen:** Synthetic peptide of human PIAS3

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 30-150; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

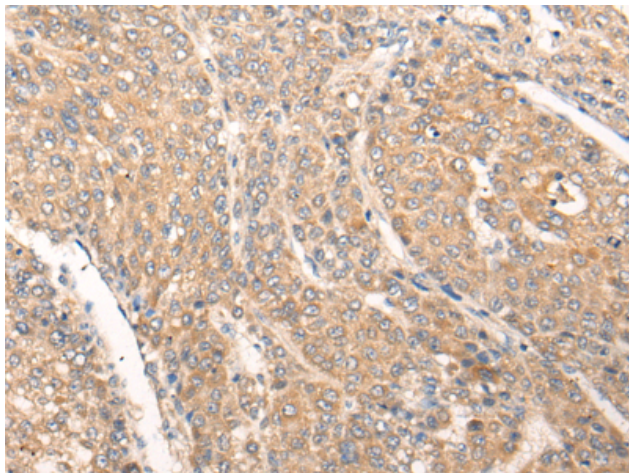
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

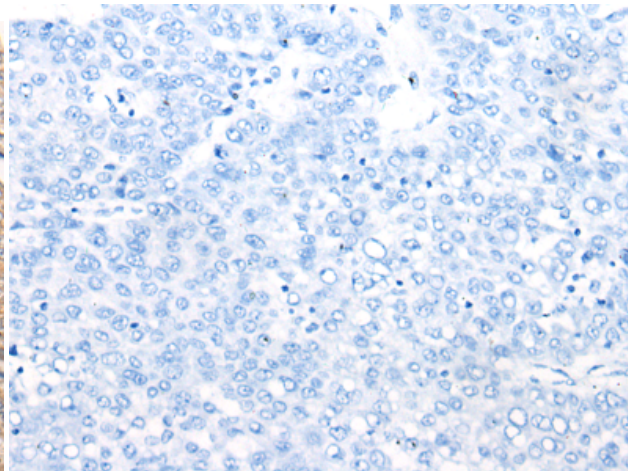
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Cell Biology

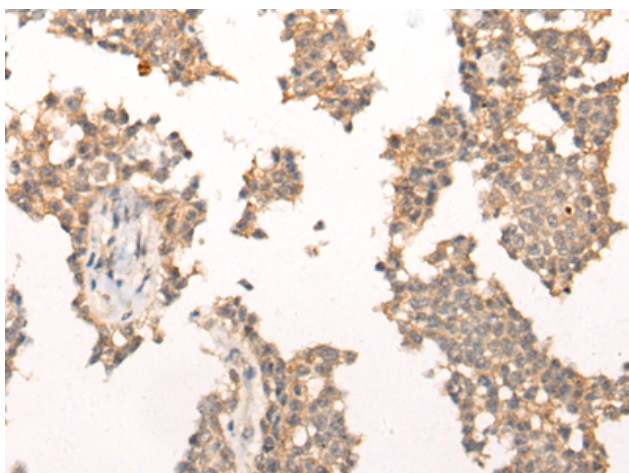
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



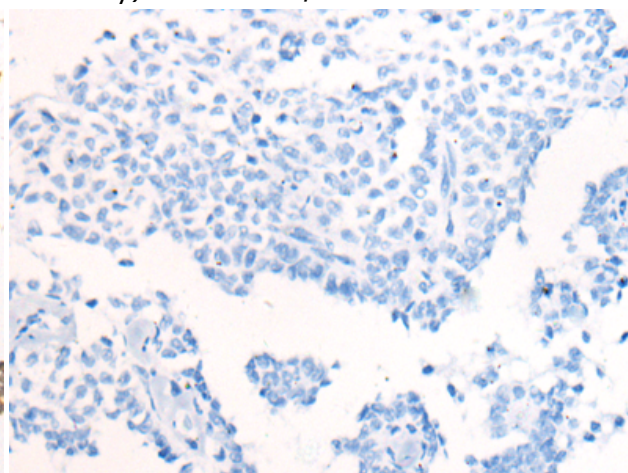
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220316 (PIAS3 Antibody) at a dilution of 1/40 (Cytoplasm or Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220316 (Anti-PIAS3 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 220316 (Anti-PIAS3 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D261335 (Anti-PIAS3 Antibody) at dilution 1/40.