

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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 Mg2+ and Cg2+), pH 7.4, 150 mM NgCl, 0.05% Sodium Azide and 40%

glycerol

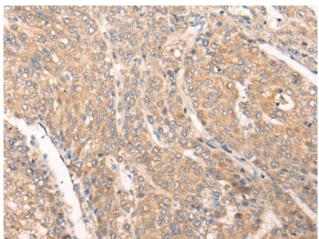
Research Areas: Epigenetics and Nuclear Signaling, Cell Biology

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

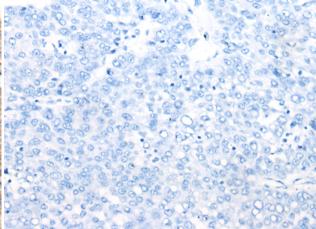


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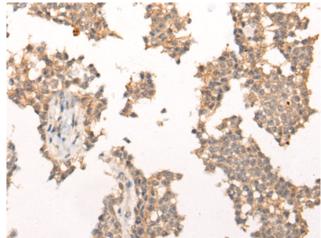
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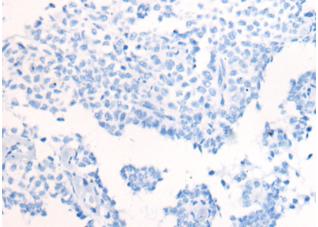
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220316(PIAS3 Antibody) at a dilution of 1/40(Cytoplasm or Nucleus).



In comparision 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 paraffinembedded Human ovarian cancer tissue using 220316(Anti-PIAS3 Antibody) at a dilution of 1/40.



In comparision 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.