

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

SUMO2/SUMO3/SUMO4 RABBIT PAB

Cat.#: S219793

Product Name: Anti-SUMO2/SUMO3/SUMO4 Rabbit Polyclonal Antibody

Synonyms: HSMT3; SMT3B; SUMO3; Smt3A; SMT3H2; SMT3A; Smt3B; SMT3H1; SUMO-3; IDDM5;

SMT3H4; SUMO-4; dJ281H8.4

UNIPROT ID: P61956/P55854/Q6EEV6 (Gene Accession - NP_008868/NP_008867/NP_001002255) **Background:** This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last two amino acids of the carboxy-terminus have been cleaved off. Numerous pseudogenes have been reported for this gene. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Immunogen: Synthetic peptide of human SUMO2/SUMO3/SUMO4

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

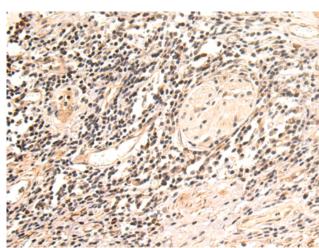
Research Areas: Cell Biology

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

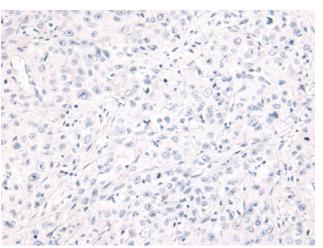


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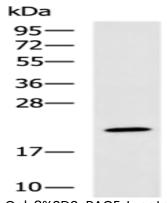
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Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 219793(SUMO2/SUMO3/SUMO4 Antibody) at a dilution of 1/50(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 219793 (Anti-SUMO2/SUMO3/SUMO4 Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane: Mouse kidney tissue lysate; Primary antibody: 219793(SUMO2/SUMO3/SUMO4 Antibody) at dilution 1/1000; Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution; Exposure time: 1 minute