

## SAE1 RABBIT PAB

**Cat.#:** S217071

**Product Name:** Anti-SAE1 Rabbit Polyclonal Antibody

**Synonyms:** AOS1; SUA1; UBLE1A; HSPC140

**UNIPROT ID:** Q9UBE0 (Gene Accession - BC000344 )

**Background:** Posttranslational modification of proteins by the addition of the small protein SUMO, or sumoylation, regulates protein structure and intracellular localization. SAE1 and UBA2 form a heterodimer that functions as a SUMO-activating enzyme for the sumoylation of proteins.

**Immunogen:** Fusion protein of human SAE1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;WB: 500-2000;ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

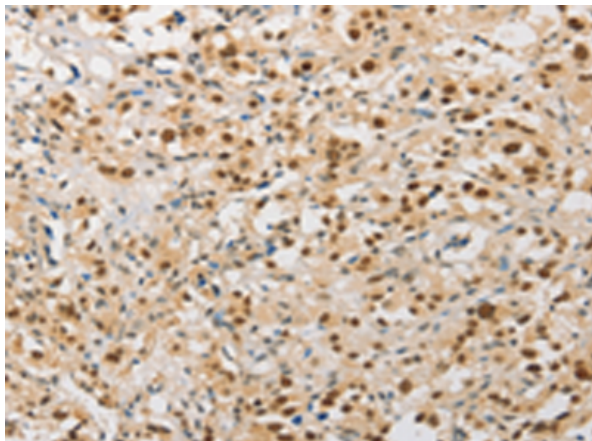
**Purification:** Antigen affinity purification

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

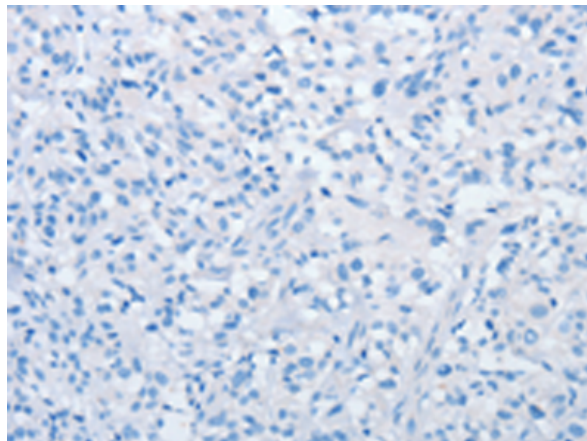
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cell Biology

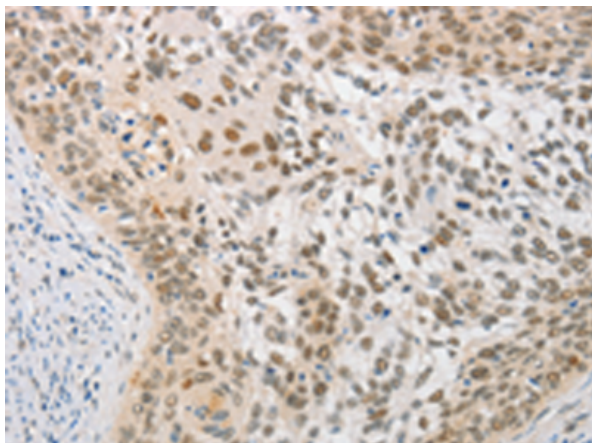
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



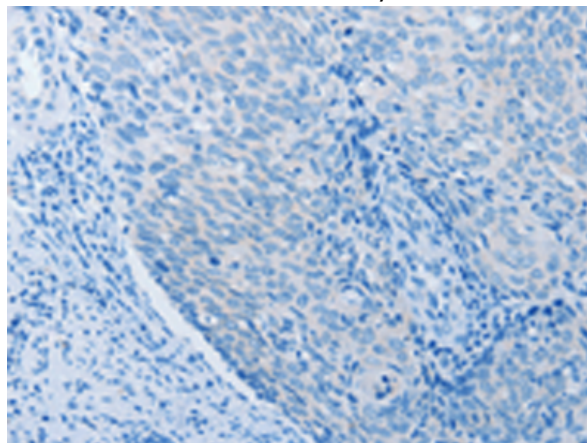
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 217071(SAE1 Antibody) at a dilution of 1/20(Nucleus).



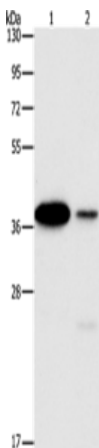
In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 217071(Anti-SAE1 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 217071(Anti-SAE1 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion protein and then with D221739(Anti-SAE1 Antibody) at dilution 1/20.



Gel: 15%SDS-PAGE, Lysate: 40 µg;  
Lane 1-2: 293T cells, A431 cells;  
Primary antibody: 217071(SAE1 Antibody) at dilution 1/250;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 1 second

