

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

XRCC4 RABBIT PAB

Cat.#: S218037

Product Name: Anti-XRCC4 Rabbit Polyclonal Antibody

Synonyms: SSMED

UNIPROT ID: Q13426 (Gene Accession - BC016314)

Background: The protein encoded by this gene functions together with DNA ligase IV and the DNA-dependent protein kinase in the repair of DNA double-strand breaks. This protein plays a role in both non-homologous end joining and the completion of V(D)J recombination. Mutations in this gene can cause short stature, microcephaly, and endocrine dysfunction (SSMED). Alternative

splicing generates several transcript variants.

Immunogen: Fusion protein of human XRCC4

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

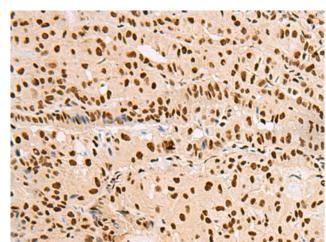
Research Areas: Epigenetics and Nuclear Signaling

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

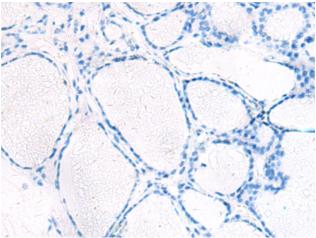


Product Description

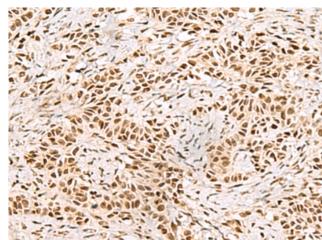
Pioneering GTPase and Oncogene Product Development since 2010



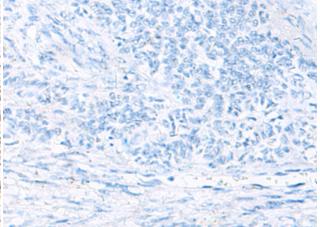
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 218037(XRCC4 Antibody) at a dilution of 1/60(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 218037(Anti-XRCC4 Antibody) at dilution 1/60.



The image on the left is immunohistochemistry of paraffinembedded Human ovarian cancer tissue using 218037(Anti-XRCC4 Antibody) at a dilution of 1/60.



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with fusion protein and then with D223589(Anti-XRCC4 Antibody) at dilution 1/60.