

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

LIG1 RABBIT PAB

Cat.#: S217367

Product Name: Anti-LIG1 Rabbit Polyclonal Antibody

Synonyms:

UNIPROT ID: P18858 (Gene Accession - BC110622)

Background: This gene encodes a member of the ATP-dependent DNA ligase protein family. The encoded protein functions in DNA replication, recombination, and the base excision repair process.

Mutations in this gene that lead to DNA ligase I deficiency result in immunodeficiency and increased sensitivity to DNA-damaging agents. Disruption of this gene may also be associated

with a variety of cancers. Alternative splicing results in multiple transcript variants.

Immunogen: Fusion protein of human LIG1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 100-300; ELISA: 2000-10000

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

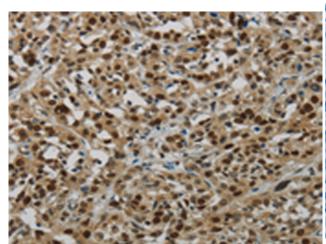
Research Areas: Epigenetics and Nuclear Signaling

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

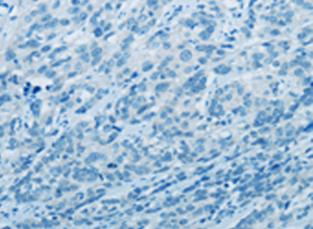


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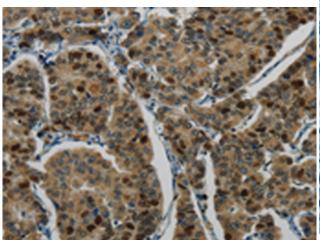
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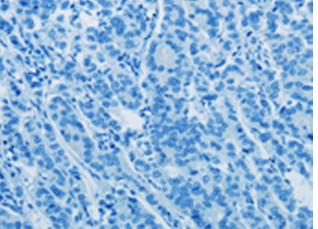
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 217367(LIG1 Antibody) at a dilution of 1/70(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 217367(Anti-LIG1 Antibody) at dilution 1/70.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 217367(Anti-LIG1 Antibody) at a dilution of 1/70.



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with fusion protein and then with D222243(Anti-LIGI Antibody) at dilution 1/70.