

DDB2 RABBIT PAB

Cat.#: S216469

Product Name: Anti-DDB2 Rabbit Polyclonal Antibody

Synonyms: XPE; DDBB; UV-DDB2

UNIPROT ID: Q92466 (Gene Accession - BC000093)

Background: This gene encodes a protein that is necessary for the repair of ultraviolet light-damaged DNA. This protein is the smaller subunit of a heterodimeric protein complex that participates in nucleotide excision repair, and this complex mediates the ubiquitylation of histones H3 and H4, which facilitates the cellular response to DNA damage. This subunit appears to be required for DNA binding. Mutations in this gene cause xeroderma pigmentosum complementation group E, a recessive disease that is characterized by an increased sensitivity to UV light and a high predisposition for skin cancer development, in some cases accompanied by neurological abnormalities. Two transcript variants encoding different isoforms have been found for this gene.

Immunogen: Fusion protein of human DDB2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

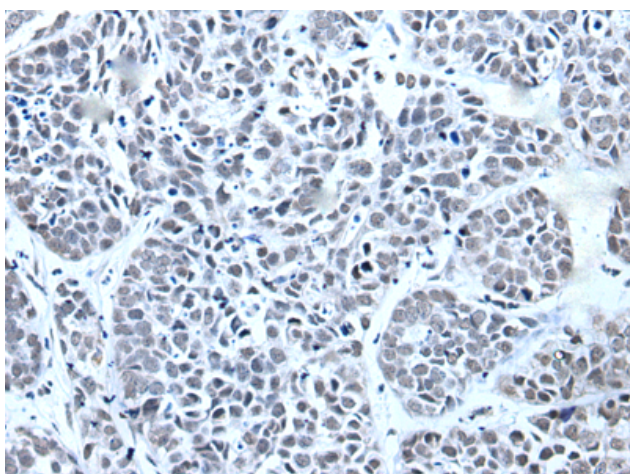
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

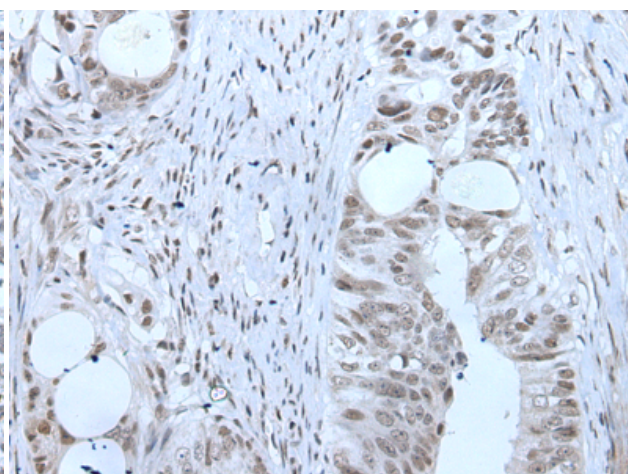
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling, Cancer

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



Immunohistochemistry analysis of paraffin-embedded Human esophagus cancer tissue using 216469(DDB2 Antibody) at a dilution of 1/30(Nucleus).



Immunohistochemistry analysis of paraffin-embedded Human colorectal cancer tissue using 216469(Anti-DDB2 Antibody) at a dilution of 1/30.