

EXD2 RABBIT PAB

Cat.#: S221992

Product Name: Anti-EXD2 Rabbit Polyclonal Antibody

Synonyms: EXDL2; C14orf114

UNIPROT ID: Q9NVH0 (Gene Accession - NP_001180291)

Background: Exonuclease required for double-strand breaks resection and efficient homologous recombination. Plays a key role in controlling the initial steps of chromosomal break repair, it is recruited to chromatin in a damage-dependent manner and functionally interacts with the MRN complex to accelerate resection through its 3'-5' exonuclease activity, which efficiently processes double-stranded DNA substrates containing nicks.

Immunogen: Synthetic peptide of human EXD2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

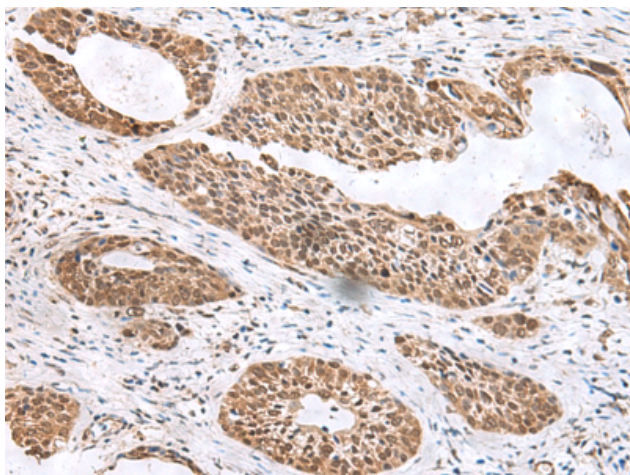
Purification: Antigen affinity purification

Species Reactivity: Human

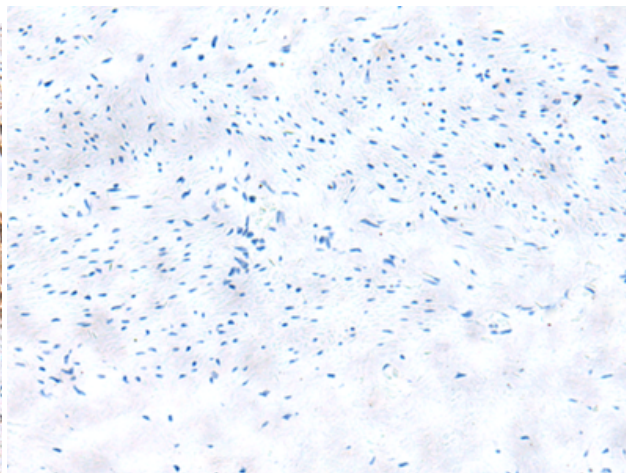
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

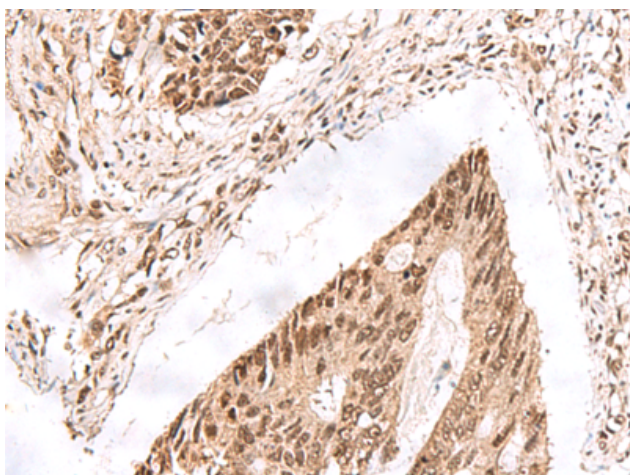
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



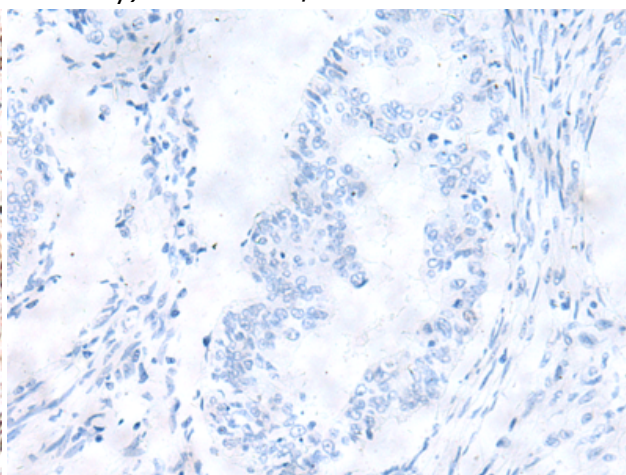
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 221992(EXD2 Antibody) at a dilution of 1/20(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 221992(Anti-EXD2 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 221992(Anti-EXD2 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with synthetic peptide and then with D263846(Anti-EXD2 Antibody) at dilution 1/20.