

## EXD2 RABBIT PAB

**Cat.#:** S218888

**Product Name:** Anti-EXD2 Rabbit Polyclonal Antibody

**Synonyms:** EXDL2; C14orf114

**UNIPROT ID:** Q9NVH0 (Gene Accession - BC001962)

**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:** Fusion protein of human EXD2

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 40-200;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

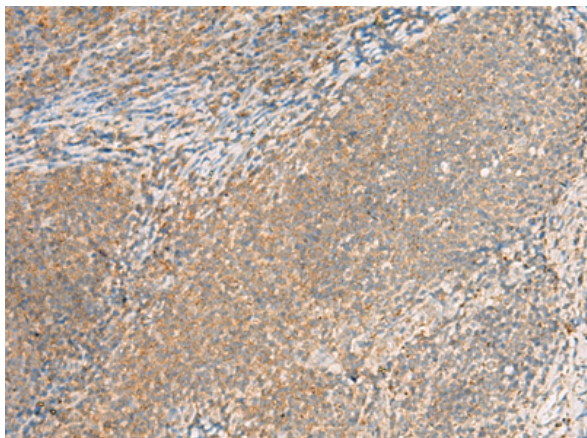
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

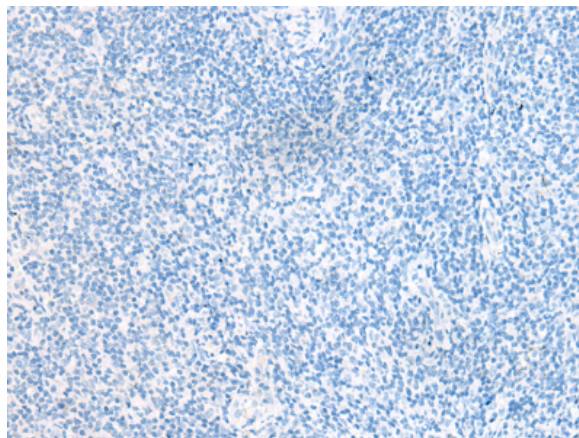
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

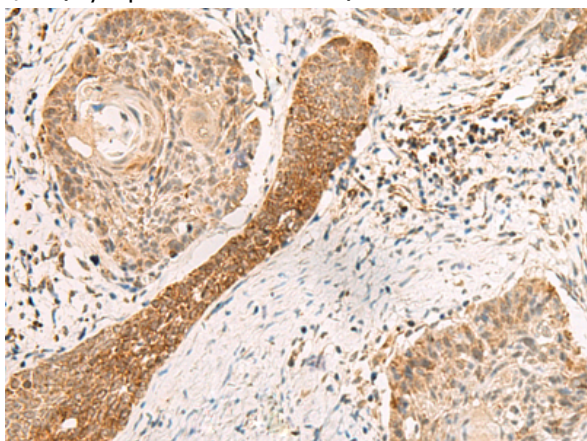
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



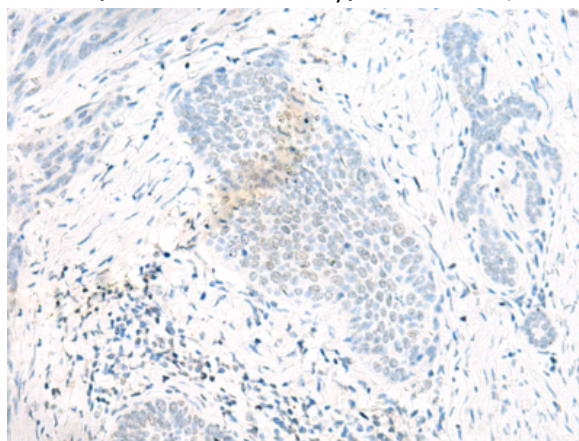
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 218888(EXD2 Antibody) at a dilution of 1/55(Cytoplasm or Nucleus).



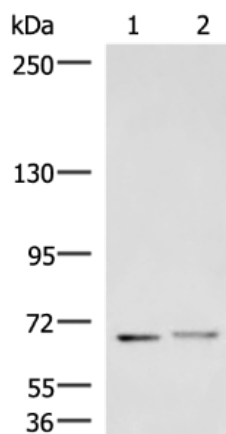
In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 218888(Anti-EXD2 Antibody) at dilution 1/55.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 218888(Anti-EXD2 Antibody) at a dilution of 1/55.



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion protein and then with D225443(Anti-EXD2 Antibody) at dilution 1/55.



Gel: 6%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-2: Mouse brain tissue and Human cerebrum tissue lysates;  
 Primary antibody: 218888(EXD2 Antibody) at dilution 1/700;  
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
 Exposure time: 3 minutes



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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