

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

DEPTOR RABBIT PAB

Cat.#: S221897

Product Name: Anti-DEPTOR Rabbit Polyclonal Antibody

Synonyms: DEP.6; DEPDC6

UNIPROT ID: Q8TB45 (Gene Accession - NP_073620)

Background: DEPTOR (DEP domain containing MTOR-interacting protein), also known as DEP.6 or DEPDC6 (DEP domain-containing protein 6), is a 409 amino acid protein that negatively regulates mTORC1 and mTORC2 pathways. DEPTOR interacts with FRAP via its PDZ domain, and undergoes post-translational phosphorylation. Containing two DEP domains and one PDZ (DHR) domain, DEPTOR is encoded by a gene that maps to human chromosome 8q24.12. Chromosome 8 consists of nearly 146 million base pairs, encodes over 800 genes and is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that map to chromosome 8.

Immunogen: Synthetic peptide of human DEPTOR

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 20-100;WB: 200-1000;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 Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

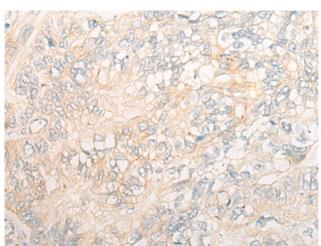
Research Areas: Cell Biology

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

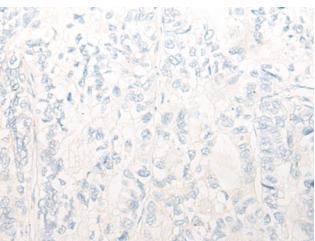


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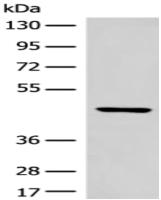
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Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 221897(DEPTOR Antibody) at a dilution of 1/20(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 221897(Anti-DEPTOR Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane: Mouse liver tissue lysate;

Primary antibody: 221897 (DEPTOR Antibody) at

dilution 1/300;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 1 minute