

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

USP5 RABBIT PAB

Cat.#: S217993

Product Name: Anti-USP5 Rabbit Polyclonal Antibody

Synonyms: ISOT

UNIPROT ID: P45974 (Gene Accession - BC004889)

Background: Ubiquitin (see MIM 191339)-dependent proteolysis is a complex pathway of protein metabolism implicated in such diverse cellular functions as maintenance of chromatin structure, receptor function, and degradation of abnormal proteins. A late step of the process involves disassembly of the polyubiquitin chains on degraded proteins into ubiquitin monomers. USP5 disassembles branched polyubiquitin chains by a sequential exo mechanism, starting at the proximal end of the chain (Wilkinson et al., 1995 [PubMed 7578059]).

Immunogen: Fusion protein of human USP5

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;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 Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

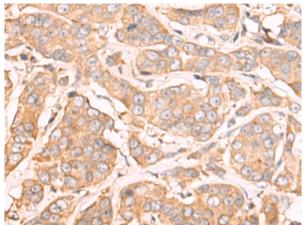
Research Areas: Epigenetics and Nuclear Signaling, Cell Biology

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

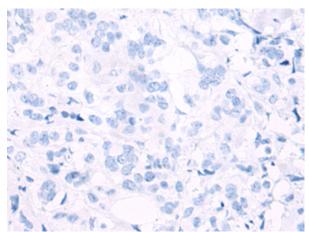


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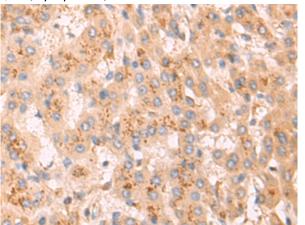
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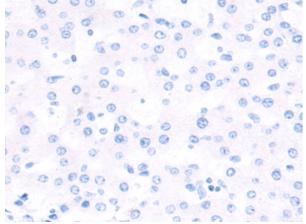
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 217993(USP5 Antibody) at a dilution of 1/80(Cytoplasm).



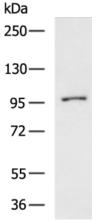
In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 217993 (Anti-USP5 Antibody) at dilution 1/80.



The image on the left is immunohistochemistry using 217993(Anti-USP5 Antibody) at a dilution of first treated with fusion protein and then with 1/80.



In comparision with the IHC on the left, the same of paraffin-embedded Human liver cancer tissue paraffin-embedded Human liver cancer tissue is D223514(Anti-USP5 Antibody) at dilution 1/80.



Gel: 6%SDS-PAGE, Lysate: 40 µg;

Lane: LNCAP cell lysate;

Primary antibody: 217993(USP5 Antibody) at

dilution 1/1200;

Secondary antibody: HRP-conjugated Goat anti

rabbit IgG at 1/5000 dilution; Exposure time: 10 seconds



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