

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

USP2 RABBIT PAB

Cat.#: S217083

Product Name: Anti-USP2 Rabbit Polyclonal Antibody

Synonyms: USP9; UBP41

UNIPROT ID: 075604 (Gene Accession - BC002854)

Background: This gene encodes a member of the family of de-ubiquitinating enzymes, which belongs to the peptidase C19 superfamily. The encoded protein is a ubiquitin-specific protease which is required for TNF-alpha (tumor necrosis factor alpha) -induced NF-kB (nuclear factor kB) signaling. This protein deubiquitinates polyubiquitinated target proteins such as fatty acid synthase, murine double minute 2 (MDM2), MDM4/MDMX and cyclin D1. MDM2 and MDM4 are negative regulators of the p53 tumor suppressor and cyclin D1 is required for cell cycle G1/S transition. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.

Immunogen: Fusion protein of human USP2

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, Rat

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

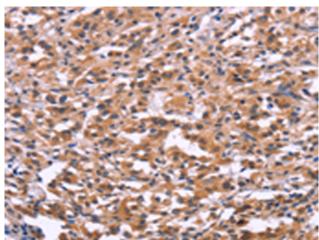
Research Areas: Epigenetics and Nuclear Signaling, Cell Biology

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

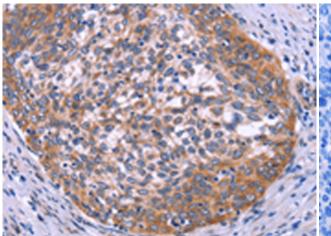


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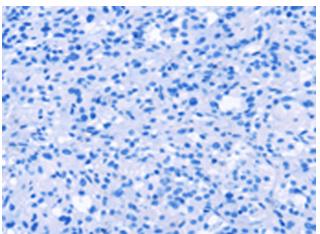
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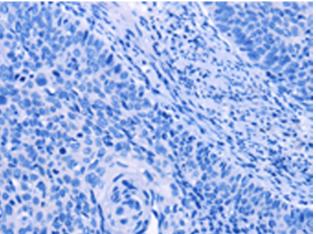
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 217083(USP2 Antibody) at a dilution of 1/30(Cytoplasm).



The image on the left is immunohistochemistry of paraffinembedded Human cervical cancer tissue using 217083(Anti-USP2 Antibody) at a dilution protein and then with D221761(Anti-USP2 of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 217083(Anti-USP2 Antibody) at dilution 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion Antibody) at dilution 1/30.