

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

TRIM71 RABBIT PAB

Cat.#: S221025

Product Name: Anti-TRIM71 Rabbit Polyclonal Antibody

Synonyms: LIN41; LIN-41

UNIPROT ID: Q2Q1W2 (Gene Accession - NP_001034200)

Background: TRIM71 is the mammalian ortholog to the C. elegans heterochronic protein Lin41, a protein that is thought to be important in postembryonic development, and is genetically and biochemically downstream of both Shh and Fgf signaling pathways. Similar to its C. elegans homolog, TRIM71 is a target of the microRNA let-7 and is likely to play a role in mammalian development. Recent experiments have indicated that TRIM71 is an E3 ubiquitin ligase and can interact with the Dicer and the Argonaute proteins Ago1, Ago2, and Ago4. Overexpression and depletion of TRIM71 led to inverse changes in Ago2 protein levels, suggesting TRIM71 can regulate Ago2 turnover. Finally, TRIM71 cooperates with the pluripotency factor Lin-28 in regulating let-7. May be involved in controlling the timing of organ formation during development.

Immunogen: Synthetic peptide of human TRIM71

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, Mouse, Rat

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

glycerol

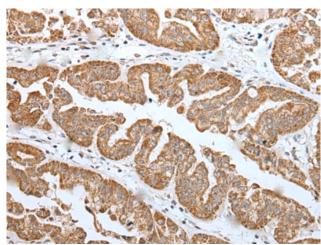
Research Areas: Epigenetics and Nuclear Signaling

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

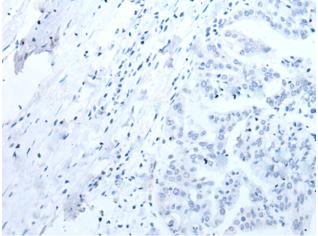


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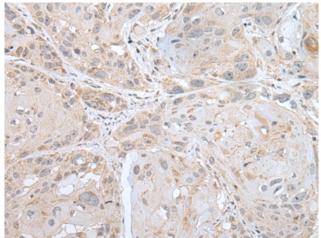
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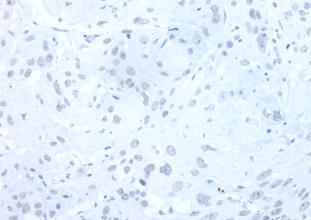
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221025(TRIM71 Antibody) at a dilution of 1/25(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221025(Anti-TRIM71 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffinembedded Human esophagus cancer tissue using 221025(Anti-TRIM71 Antibody) at a dilution of 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with synthetic peptide and then with D262371(Anti-TRIM71 Antibody) at dilution 1/25.