

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

TSC2 RABBIT PAB

Cat.#: S221065

Product Name: Anti-TSC2 Rabbit Polyclonal Antibody

Synonyms: LAM; TSC4; PPP1R160

UNIPROT ID: P49815 (Gene Accession - NP_000539)

Background: Mutations in this gene lead to tuberous sclerosis complex. Its gene product is believed to be a tumor suppressor and is able to stimulate specific GTPases. The protein associates with hamartin in a cytosolic comple,x possibly acting as a chaperone for hamartin. Alternative splicing results in multiple transcript variants encoding different isoforms.

Immunogen: Synthetic peptide of human TSC2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: Oct-50;WB: 200-1000;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

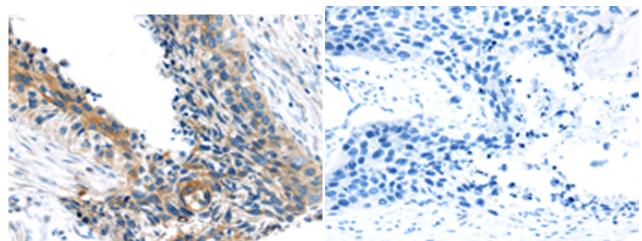
Research Areas: Signal Transduction, Epigenetics and Nuclear Signaling, Metabolism, Cancer

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



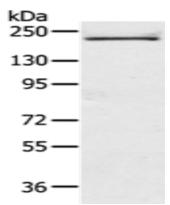
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Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 221065(TSC2 Antibody) at a dilution of 1/20(Cytoplasm).

In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 221065(Anti-TSC2 Antibody) at dilution 1/20.



Gel: 6%SDS-PAGE, Lysate: 40 µg;

Lane: A172 cells;

Primary antibody: 221065(TSC2 Antibody) at

dilution 1/200;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 5 minutes