

MITF RABBIT PAB

Cat.#: S210453

Product Name: Anti-MITF Rabbit Polyclonal Antibody

Synonyms: MI; WS2; CMM8; WS2A; COMMAD; bHLHe32

UNIPROT ID: O75030 (Gene Accession - BC026961)

Background: This gene encodes a transcription factor that contains both basic helix-loop-helix and leucine zipper structural features. It regulates the differentiation and development of melanocytes retinal pigment epithelium and is also responsible for pigment cell-specific transcription of the melanogenesis enzyme genes. Heterozygous mutations in the this gene cause auditory-pigmentary syndromes, such as Waardenburg syndrome type 2 and Tietz syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified.

Immunogen: Fusion protein of human MITF

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 40-200;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

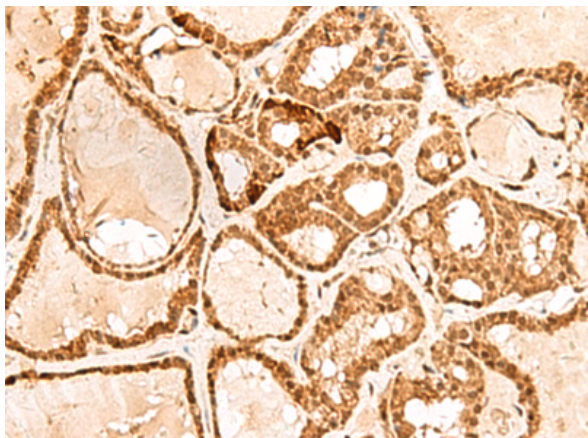
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

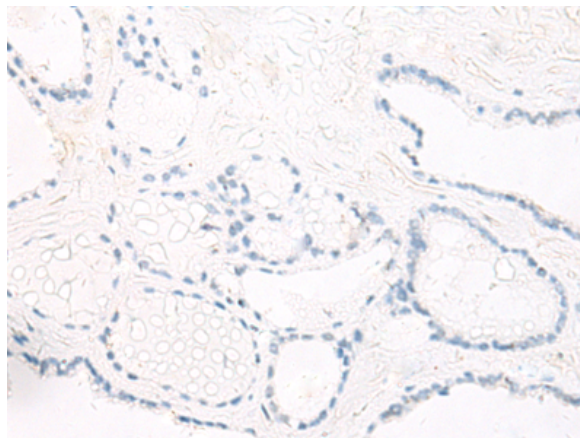
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling, Immunology

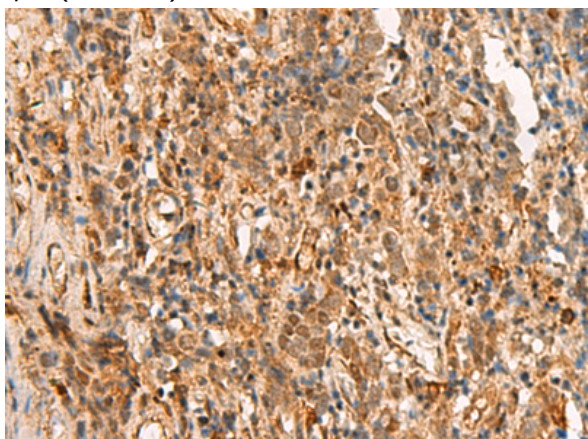
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



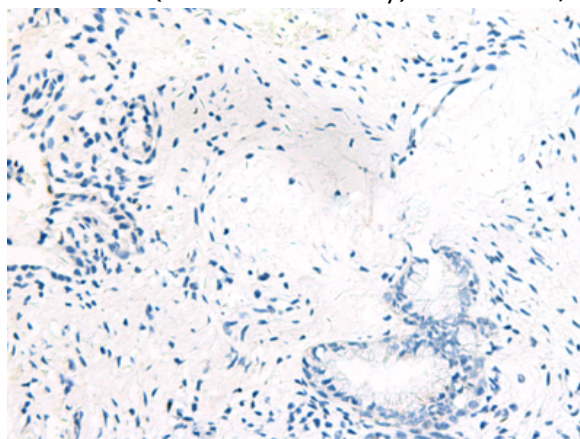
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 210453 (MITF Antibody) at a dilution of 1/55 (Nucleus).



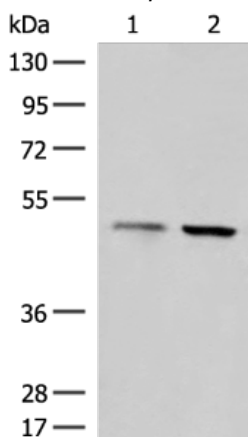
In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 210453 (Anti-MITF Antibody) at dilution 1/55.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 210453 (Anti-MITF Antibody) at a dilution of 1/55.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion protein and then with D120988 (Anti-MITF Antibody) at dilution 1/55.



Gel: 8% SDS-PAGE, Lysate: 40 µg;
Lane 1-2: Mouse kidney tissue and Mouse liver tissue lysates;
Primary antibody: 210453 (MITF Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 15 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
