

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ME1 RABBIT PAB

Cat.#: S220703

Product Name: Anti-ME1 Rabbit Polyclonal Antibody

Synonyms: malic enzyme 1, NADP(+)-dependent, cytosolic

UNIPROT ID: P48163 (Gene Accession - NP_002386)

Background: This gene encodes a cytosolic, NADP-dependent enzyme that generates NADPH for fatty acid biosynthesis. The activity of this enzyme, the reversible oxidative decarboxylation of malate, links the glycolytic and citric acid cycles. The regulation of expression for this gene is complex. Increased expression can result from elevated levels of thyroid hormones or by higher proportions of carbohydrates

in the diet.

Immunogen: Synthetic peptide of human MEI

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;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

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

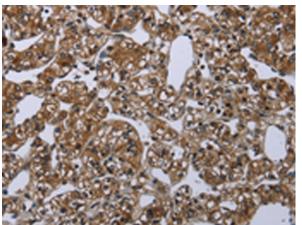
Research Areas: Metabolism, Cancer, Cell Biology

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

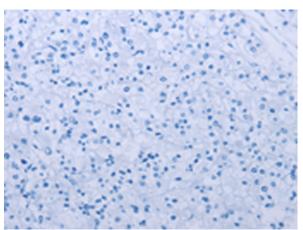


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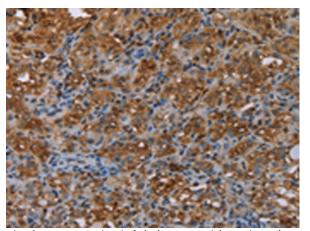
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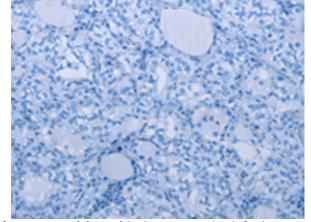
Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 220703(MEI Antibody) at a dilution of 1/20(Cytoplasm).



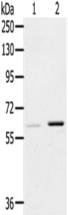
In comparision with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the synthetic peptide and then with 220703(Anti-MEI Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same using 220703(Anti-MEI Antibody) at a dilution of is first treated with synthetic peptide and then 1/20.



paraffin-embedded Human thyroid cancer tissue paraffin-embedded Human thyroid cancer tissue with D261900(Anti-MEI Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane 1-2: 293T cells, A431 cells; Primary antibody: 220703(MEI Antibody) at dilution 1/200; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;

Exposure time: 15 seconds



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