

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

MEF2D RABBIT PAB

Cat.#: S221465

Product Name: Anti-MEF2D Rabbit Polyclonal Antibody

Synonyms:

UNIPROT ID: Q14814 (Gene Accession - NP_005911)

Background: This gene is a member of the myocyte-specific enhancer factor 2 (MEF2) family of transcription factors. Members of this family are involved in control of muscle and neuronal cell differentiation and development, and are regulated by class II histone deacetylases. Fusions of the encoded protein with Deleted in Azoospermia-Associated Protein 1 (DAZAP1) due to a translocation have been found in an acute lymphoblastic leukemia cell line, suggesting a role in leukemogenesis. The encoded protein may also be involved in Parkinson disease and myotonic dystrophy. Alternative splicing results in multiple transcript variants.

Immunogen: Synthetic peptide of human MEF2D

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

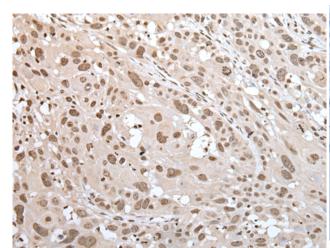
Research Areas: Epigenetics and Nuclear Signaling, Neuroscience, Cardiovascular

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

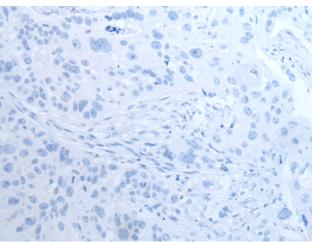


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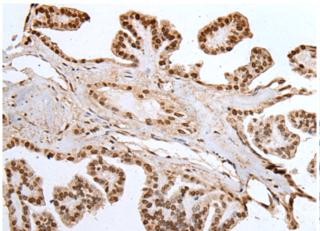
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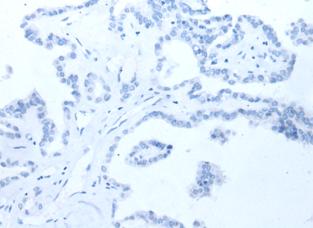
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 221465 (MEF2D Antibody) at a dilution of 1/20 (Nucleus).



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 221465(Anti-MEF2D Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffinembedded Human thyroid cancer tissue using 221465(Anti-MEF2D Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D263069(Anti-MEF2D Antibody) at dilution 1/20.