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anti-MYEF2 antibody (C-Term)



Publications



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| Quantity: | 0.1 mg | |
|----------------------|--|--|
| Target: | MYEF2 | |
| Binding Specificity: | C-Term | |
| Reactivity: | Human, Mouse, Rat | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This MYEF2 antibody is un-conjugated | |
| Application: | Immunohistochemistry (IHC) | |
| Product Details | | |
| Immunogen: | Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to | |
| | C-terminal residues of human MEF2 (myocyte enhancer factor 2) | |
| Target Details | | |
| Target: | MYEF2 | |
| Alternative Name: | MEF2 (MYEF2 Products) | |

Alternative Name: MEF2 (MYEF2 Products)

Background: The process of differentiation from mesodermal precursor cells to myoblasts has led to the discovery of a variety of tissue-specific factors that regulate muscle gene expression. A family of DNA binding regulatory proteins is the myocyte-specific enhancer factor-2 (MEF2) family.

Each of these proteins binds to the MEF2 target DNA sequence present in the regulatory regions of many muscle-specific genes. The MEF2 genes are members of the MADS gene

family, a family that also includes several homeotic genes and other transcription factors, all of which share a conserved DNAbinding domain.

Application Details

Restrictions:

For Research Use only

Handling

Storage:

4°C

Publications

Product cited in:

Burroughs, Oh, Barrett, DiAugustine et al.: "Phosphatidylinositol 3-kinase and mek1/2 are necessary for insulin-like growth factor-l-induced vascular endothelial growth factor synthesis in prostate epithelial cells: a role for hypoxia-inducible ..." in: **Molecular cancer research : MCR**, Vol. 1, Issue 4, pp. 312-22, (2003) (PubMed).

Schramek, Feifel, Marschitz, Golochtchapova, Gstraunthaler, Montesano: "Loss of active MEK1-ERK1/2 restores epithelial phenotype and morphogenesis in transdifferentiated MDCK cells." in: **American journal of physiology. Cell physiology**, Vol. 285, Issue 3, pp. C652-61, (2003) (PubMed).

Piatelli, Doughty, Chiles: "Requirement for a hsp90 chaperone-dependent MEK1/2-ERK pathway for B cell antigen receptor-induced cyclin D2 expression in mature B lymphocytes." in: **The Journal of biological chemistry**, Vol. 277, Issue 14, pp. 12144-50, (2002) (PubMed).

Morgan, Labno, Van Seventer, Denny, Straus, Burkhardt: "Superantigen-induced T cell:B cell conjugation is mediated by LFA-1 and requires signaling through Lck, but not ZAP-70." in: **Journal of immunology (Baltimore, Md.: 1950)**, Vol. 167, Issue 10, pp. 5708-18, (2001) (PubMed).

There are more publications referencing this product on: Product page