Anticorps Polyclonal de lapin anti-MEF2C

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue: **18291-1-AP**

Informations de base

Numéro de catalogue:
18291-1-AP

Taille:
150ul , Concentration: 240 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
NM_002397

Identification du gène (NCBI):
4208

Nom complet:
myocyte enhancer factor 2C

MW calculé
51 kDa

MW observés:
51 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IHC 1:20-1:200

Applications

Applications testées:
IHC, WB,ELISA

Spécificité de l'espèce:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu de côlon humain,

IHC : tissu cérébral humain, tissu ovarien humain, tissu placentaire humain, tissu rénal humain, tissu splénique humain, tissu testiculaire humain

Informations générales

MEF2C belongs to the MEF2 family. It is a transcription activator which binds specifically to the MEF2 element present in the regulatory regions of many muscle-specific genes. MEF2C controls cardiac morphogenesis and myogenesis, and is also involved in vascular development. It plays an essential role in hippocampal-dependent learning and memory by suppressing the number of excitatory synapses and thus regulating basal and evoked synaptic transmission. It is crucial for normal neuronal development, distribution, and electrical activity in the neocortex and is necessary for proper development of megakaryocytes and platelets and for bone marrow B lymphopoiesis. This protein is required for B-cell survival and proliferation in response to BCR stimulation, efficient IgG1 antibody responses to T-cell-dependent antigens and for normal induction of germinal center B cells. It may also be involved in neurogenesis and in the development of cortical architecture. The immunogen used is peptide from transcription repressor of MEF2C. This antibody can recognize the transcript variant 1, transcript variant 2 and transcript variant 5 of MEF2C.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C
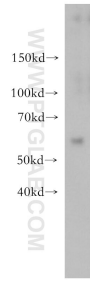
*** Les 20ul contiennent 0,1% de BSA.

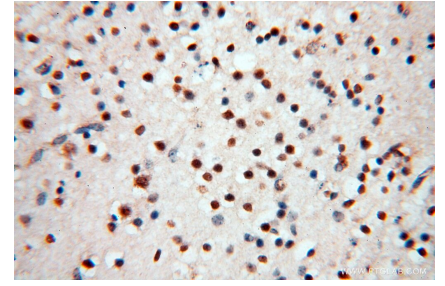
human colon tissue were subjected to SDS PAGE followed by western blot with 18291-1-AP (MEF2C antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.
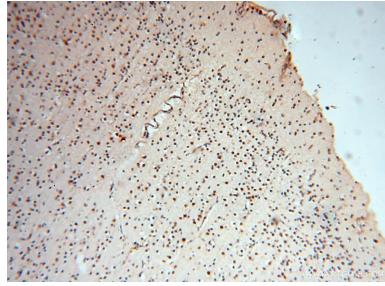
Immunohistochemical analysis of paraffin-embedded human brain using 18291-1-AP (MEF2C antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human brain using 18291-1-AP (MEF2C antibody) at dilution of 1:50 (under 40x lens).