

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MEF2C-Specific



Numéro de catalogue: 18293-1-AP

Informations de base

Numéro de catalogue: 18293-1-AP	Numéro d'acquisition GenBank: NM_002397	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 213 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 4208	Dilutions recommandées: WB 1:500-1:1000 IHC 1:20-1:200
Hôte: Lapin	Nom complet: myocyte enhancer factor 2C	
Isotype: IgG	MW calculé: 51 kDa	
	MW observés: 65-68 kDa	

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 : cellules SH-SY5Y,

IHC : tissu testiculaire humain, tissu cérébral humain, tissu pulmonaire humain, tissu rénal humain, tissu splénique 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 the specific sequence of MEF2C transcript variant 1 match to transcript variant 5. The antibody can recognize the transcript variant 1, transcript variant 2 and transcript variant 3 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.

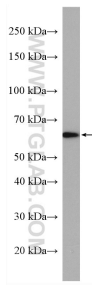
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

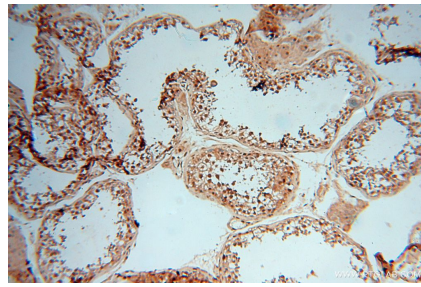
E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 18293-1-AP (MEF2C-Specific antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 18293-1-AP (MEF2C-Specific antibody) at dilution of 1:50 (under 10x lens).