À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MEF2C

Numéro de catalogue:20326-1-AP

Informations de base

Numéro de catalogue:
20326-1-AP

Taille:
150ul , Concentration: 900 μg/ml by Nanodrop and 607 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG13255

Numéro d'acquisition GenBank:
BC026341

Identification du gène (NCBI):
4208

Nom complet:
myocyte enhancer factor 2C

MW calculé
469 aa, 51 kDa

MW observés:
65-68 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IHC 1:20-1:200
IF 1:50-1:500

Applications

Applications testées:
IF, 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 HeLa, cellules SH-SY5Y, tissu d'intestin grêle de souris, tissu lymphatique de rat, tissu testiculaire de souris

IHC : tissu cardiaque humain,

IF : tissu cérébral de souris,

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. This antibody is a rabbit polyclonal antibody raised against an internal 161Aa region of human MEF2C.Phosphorylation and acetylation may affect the molecular weight of protein,and 60-70kd was also been reported(PMID:28973134).

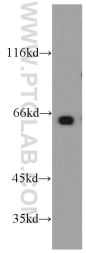
Stockage

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

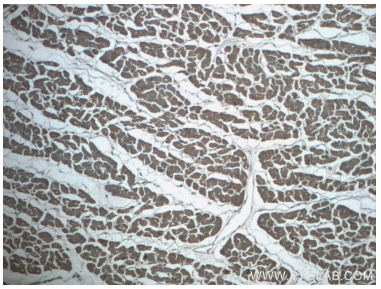
***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
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

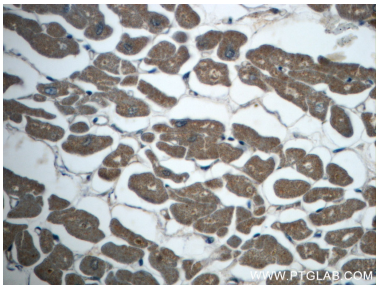
Données de validation sélectionnées



HeLa cells were subjected to SDS PAGE followed by western blot with 20326-1-AP (MEF2C antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart slide using 20326-1-AP (MEF2C Antibody) at dilution of 1:50.



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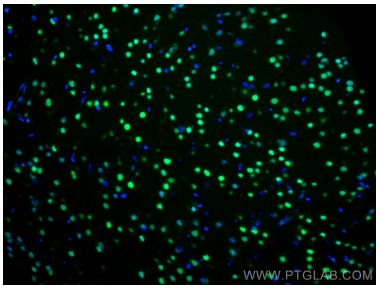
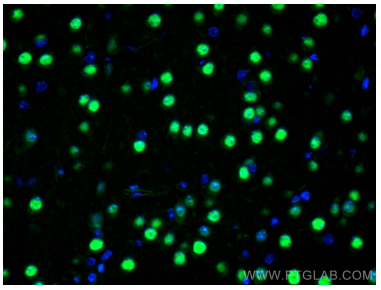


Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using MEF2C antibody (20326-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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