

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MYOD1



Numéro de catalogue: 18943-1-AP

70 Publications

Informations de base

Numéro de catalogue: 18943-1-AP	Numéro d'acquisition GenBank: BC064493	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 450 µg/ml by Nanodrop;	Identification du gène (NCBI): 4654	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: myogenic differentiation 1	
Isotype: IgG	MW calculé: 320 aa, 35 kDa	
Immunogen Catalog Number: AG13512	MW observés: 35-45 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

ChIP, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Chèvre, Humain, porc, poulet, rat, souris, duck

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 cardiaque de souris, tissu cardiaque de rat, tissu cardiaque humain, tissu de muscle squelettique de souris

IHC : tissu embryonnaire de souris,

Informations générales

MYOD1, also named as BHLHC1 or MYF 3, is a 320 amino acid protein, which promotes the transcriptional activity of MYOD1 through its CDK9-mediated phosphorylation. This phosphorylation promotes its function in muscle differentiation. MYOD1 acts as a transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation. MYOD1 together with MYF 5 and MYOG, co-occupies muscle-specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. he calculated molecular weight of MYOD1 is 34 kDa, but modified MYOD1 is about 45 kDa. (PMID: 12037670)

Publications notables

Autrice	Pubmed ID	Journal	Application
Yuanyuan Wu	36075558	Cell Signal	WB
Peng Ren	36118887	Front Genet	IHC
Hongyi Zhou	34502418	Int J Mol Sci	WB

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.

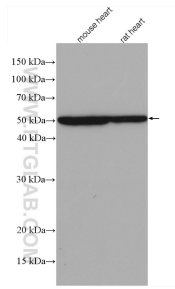
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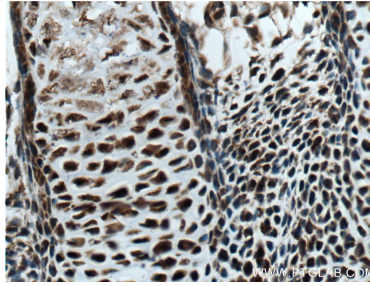
E: proteintech@ptglab.com
W: ptglab.com

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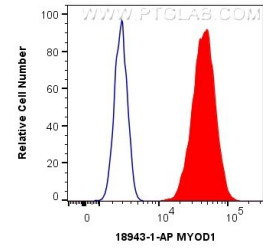
Données de validation sélectionnées



mouse heart tissue were subjected to SDS PAGE followed by western blot with 18943-1-AP (MYOD1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 18943-1-AP (MYOD1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 C2C12 cells were intracellularly stained with 0.4 ug Anti-Human MYOD1 (18943-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).