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MYF5 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16491a

Specification

MYF5 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	P13349
Other Accession	NP_005584.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**28296**
Antigen Region	**7-36**

MYF5 Antibody (N-term) - Additional Information

Gene ID 4617

Other Names
Myogenic factor 5, Myf-5, Class C basic helix-loop-helix protein 2, bHLHc2, MYF5, BHLHC2

Target/Specificity
This MYF5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-36 amino acids from the N-terminal region of human MYF5.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MYF5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MYF5 Antibody (N-term) - Protein Information

Name MYF5

Synonyms BHLHC2

Function Transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation (PubMed:29887215). Together with MYOG and MYOD1, co-occupies muscle- specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.

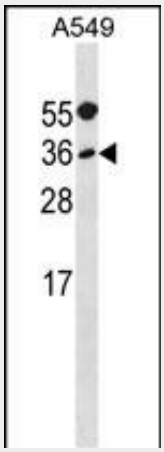
Cellular Location
Nucleus.

MYF5 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MYF5 Antibody (N-term) - Images



MYF5 Antibody (N-term) (Cat. #AP16491a) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the MYF5 antibody detected the MYF5 protein (arrow).

MYF5 Antibody (N-term) - Background

MYF5 is involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.

MYF5 Antibody (N-term) - References

Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009)
Venza, M., et al. J. Oral Pathol. Med. 38(1):18-23(2009)
Ansseau, E., et al. PLoS ONE 4 (10), E7482 (2009) :
Kosek, D.J., et al. J. Appl. Physiol. 101(2):531-544(2006)
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