

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

E~~Use at an assay dependent concentration.

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.

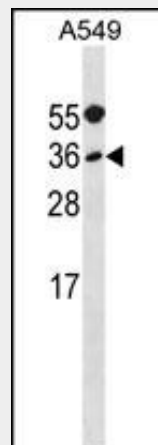
Cellular Location

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 Cytometry](#)
- [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)
Summerbell, D., et al. Mech. Dev. 117 (1-2), 331-335 (2002) :