

# MYF5 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51373

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P13349</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	28296

## Additional Information

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<b>Gene ID</b>	4617
<b>Other Names</b>	Myogenic factor 5, Myf-5, Class C basic helix-loop-helix protein 2, bHLHc2, MYF5, BHLHC2
<b>Dilution</b>	WB~~1:1000
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	MYF5
<b>Synonyms</b>	BHLHC2
<b>Function</b>	Transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation (PubMed: <a href="#">29887215</a> ). 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.
<b>Cellular Location</b>	Nucleus.

## Background

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Acts as a transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation. 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.

## References

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Braun T.,et al.EMBO J. 8:701-709(1989).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Thompson D.B.,et al.Submitted (MAY-1995) to the EMBL/GenBank/DDBJ databases.

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