10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MYF5 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51373

Product Information

Application	WB
Primary Accession	P13349
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28296

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	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MYF5. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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.

Background

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

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.