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Anti-MYF5 Antibody

Catalog # AP51373

Product Information

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

Additional Information

Gene ID	4617
Other Names	BHLHC2; Myogenic factor 5; Myf-5; Class C basic helix-loop-helix protein 2; bHLHc2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MYF5. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

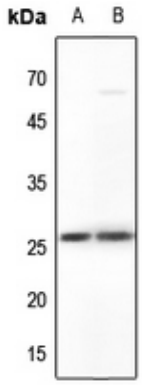
Name	MYF5
Synonyms	BHLHC2
Function	Transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation (PubMed:29887215). Together with MYOG and MYOD1, co-occupies muscle- specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.
Cellular Location	Nucleus.

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.

Images



Western blot analysis of MYF5 expression in HEK293T (A), Hela (B) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 28 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.