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MYF5 Antibody

Rabbit mAb
Catalog # AP92405

Product Information

Application	WB, IP
Primary Accession	P13349
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Myf5; Class C basic helix loop helix protein 2
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	28296

Additional Information

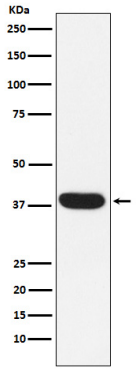
Dilution	WB 1:1000~1:5000 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MYF5
Description	Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Images

Western blot analysis of MYF5 expression in Human skeletal muscle lysate.



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