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Anti-MYF6 Antibody

Catalog # AP60034

Product Information

Application	WB, IHC
Primary Accession	P23409
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26953

Additional Information

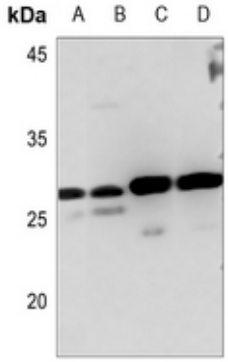
Gene ID	4618
Other Names	BHLHC4; MRF4; Myogenic factor 6; Myf-6; Class C basic helix-loop-helix protein 4; bHLHc4; Muscle-specific regulatory factor 4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MYF6. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
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

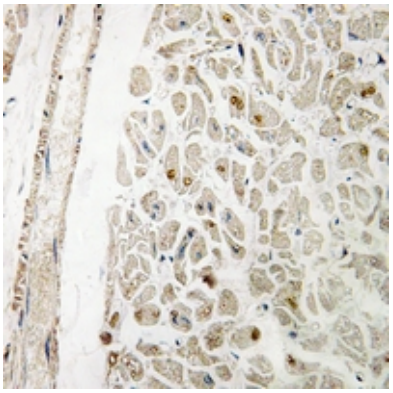
Name	MYF6
Synonyms	BHLHC4, MRF4
Function	Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.
Cellular Location	Nucleus.
Tissue Location	Skeletal muscle.

Images

Western blot analysis of MYF6 expression in HEK293T (A),



mouse brain (B), mouse muscle (C), rat muscle (D) whole cell lysates. (Predicted band size: 26 kD; Observed band size: 27 kD)



Immunohistochemical analysis of MYF6 staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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