Best Tools for immunology Research

Myf-5 Polyclonal Antibody

Catalog No :	YT2930
Reactivity :	Human;Mouse;Monkey
Applications :	WB;IHC;IF;ELISA
Target :	Myf-5
Fields :	>>Signaling pathways regulating pluripotency of stem cells
Gene Name :	MYF5
Protein Name :	Myogenic factor 5
Human Gene Id :	4617
Human Swiss Prot No :	P13349
Mouse Gene Id :	17877
Mouse Swiss Prot No :	P24699
Immunogen :	The antiserum was produced against synthesized peptide derived from human MYF5. AA range:21-70
Specificity :	Myf-5 Polyclonal Antibody detects endogenous levels of Myf-5 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 28kD

Background : function:Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein.,

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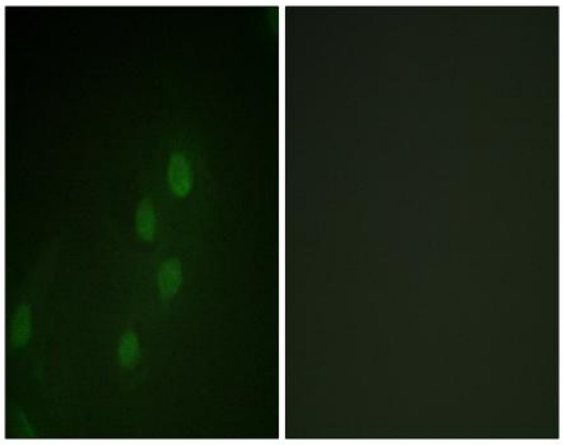
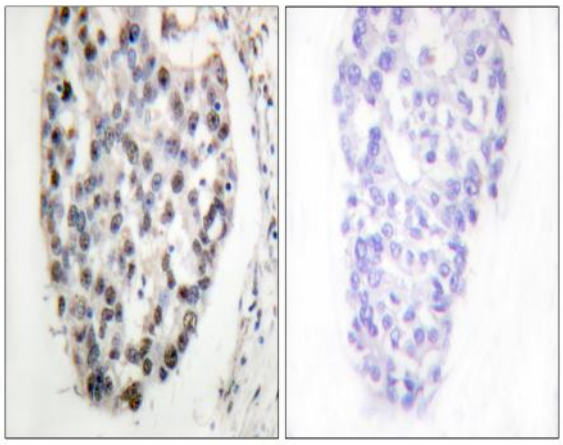
Subcellular Location : Nucleus .

Expression : Skeletal muscle,

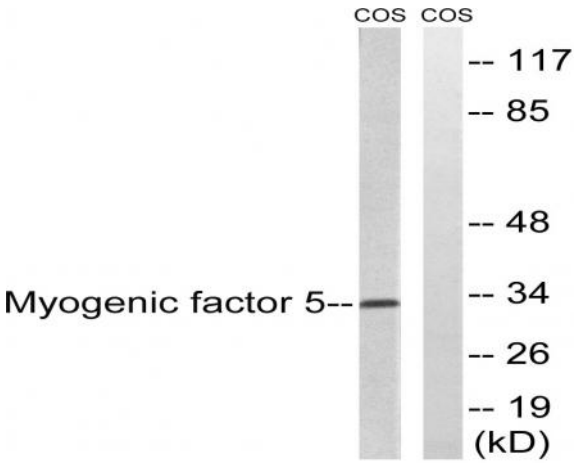
Products Images



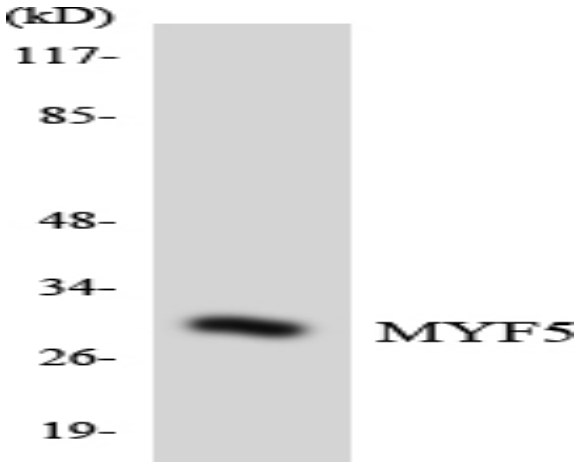
Immunofluorescence analysis of HeLa cells, using MYF5 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MYF5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using MYF5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using MYF5 antibody.