

MDFI Polyclonal Antibody

Catalog NumberPA5-36599

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Dilution *	
Type	Antibody	Western Blot (WB)	1:500-1:1,000
Immunogen	Synthetic peptide corresponding to amino acids 100-146 of human MDFI	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7.2, with 50% glycerol		
Contains	0.02% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

This antibody detects endogenous protein at a molecular weight of 25 kDa. Purity is >95% by SDS-PAGE.

Background/Target Information

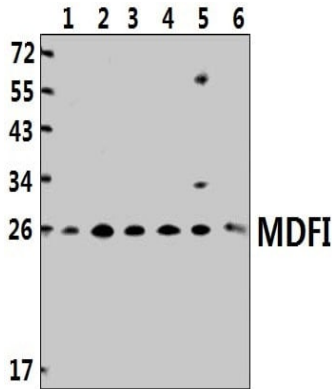
MDFI is a transcription factor that negatively regulates other myogenic family proteins. Studies of the mouse homolog, I-mf, show that it interferes with myogenic factor function by masking nuclear localization signals and preventing DNA binding. Knockout mouse studies show defects in the formation of vertebrae and ribs that also involve cartilage formation in these structures. MDFI an also interfere with the DNA-binding activity of Myod family members and plays an important role in trophoblast and chondrogenic differentiation.

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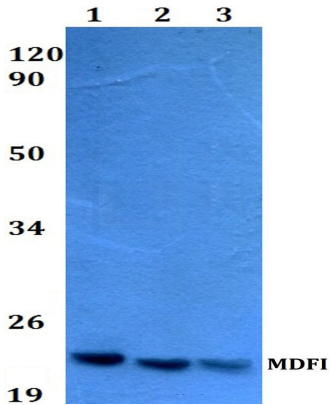
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MDFI Antibody (PA5-36599) in WB
Western blot analysis of MDFI in Lane 1: SGC7901 whole cell lysate (40 µg), Lane 2: PC3 whole cell lysate (40 µg), Lane 3: HepG2 whole cell lysate (40 µg), Lane 4: HCT116 whole cell lysate (40 µg), Lane 5: C6 whole cell lysate (40 µg), Lane 6: 3T3-L1 whole cell lysate (40 µg). Samples were incubated with MDFI polyclonal antibody (Product # PA5-36599) at a dilution of 1:500.



MDFI Antibody (PA5-36599) in WB
Western blot analysis of MDFI using MDFI polyclonal antibody (Product # PA5-36599) at a dilution of 1:500. Lane 1: HEK293T whole cell lysate, Lane 2: Raw264.7 whole cell lysate, Lane 3: H9C2 whole cell lysate.

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