



## Anti-MDFI (aa 33-110) polyclonal antibody (DPAB-DC1907)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This protein 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.
<b>Immunogen</b>	MDFI (NP_005577, 33 a.a. ~ 110 a.a) partial recombinant protein with GST tag. The sequence is  PGLEVVTGSTHPAEEAPEGSLEEAATPMPQGNGPGIPQQLDSTDLDVPTEAVTCQPQGN PLGCTPLLPNDSGHPSEL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">MDFI MyoD family inhibitor [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MDFI
<b>Synonyms</b>	MDFI; MyoD family inhibitor; I-MF; I-mfa; myoD family inhibitor; myogenic repressor I-mf; inhibitor of MyoD family a;
<b>Entrez Gene ID</b>	<a href="#">4188</a>
<b>Protein Refseq</b>	<a href="#">NP_005577</a>
<b>UniProt ID</b>	<a href="#">A0A024RCY2</a>
<b>Chromosome Location</b>	6p21
<b>Function</b>	protein binding; transcription factor binding;

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