



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

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

GENE INFORMATION

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