



Anti-MDFI (internal region) polyclonal antibody (DPAB-DC1905)

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	A synthetic peptide corresponding to amino acids at internal region of human MDFI. The sequence is C-SKSTTSQIPLQAQED
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. 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;