

# MDFI polyclonal antibody

Catalog # PAB17227      Size 100 ug

## Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of MDFI.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human MDFI.
Sequence	C-SKSTTSQIPLQAQED
Host	Goat
Theoretical MW (kDa)	25
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — MDFI

Entrez GeneID	<a href="#">4188</a>
Protein Accession#	<a href="#">NP_005577.1</a>
Gene Name	MDFI
Gene Alias	LMF, Lmfa
Gene Description	MyoD family inhibitor
Omim ID	<a href="#">604971</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This protein is a transcription factor that negatively regulates other myogenic family proteins. Studies of the mouse homolog, Lmf, 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. [provided by RefSeq]
Other Designations	OTTHUMP00000016375 OTTHUMP00000196414 inhibitor of MyoD family a

## Publication Reference

- [Inhibitor of myogenic family, a novel suppressor of store-operated currents through an interaction with TRPC1.](#)  
Ma R, Rundle D, Jacks J, Koch M, Downs T, Tsiokas L.  
The Journal of Biological Chemistry 2003 Oct; 278(52):52763.