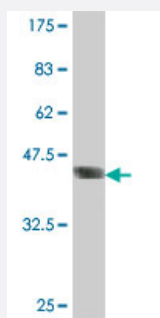


MDFI polyclonal antibody (A01)

Catalog # H00004188-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (34.69 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant MDFI.
Immunogen	MDFI (NP_005577, 33 a.a. ~ 110 a.a) partial recombinant protein with GST tag.
Sequence	PGLEVVTGSTHPAEAAPEEGSLEEAATPMPQGNGPGIPQGLDSTDLDVPTEAVTCQPQGNPLGCTPLLPNDSGHPSEL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (69); Rat (76)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.69 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MDFI

Entrez GeneID [4188](#)

GeneBank Accession# [NM_005586](#)

Protein Accession# [NP_005577](#)

Gene Name MDFI

Gene Alias IMF, Imfa

Gene Description MyoD family inhibitor

Omim ID [604971](#)

Gene Ontology [Hyperlink](#)

Gene Summary This protein is a transcription factor that negatively regulates other myogenic family proteins. Studies of the mouse homolog, Imf, 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