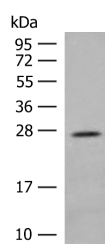


MDFI Polyclonal Antibody

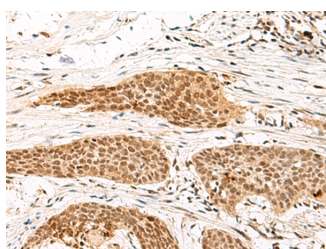
Catalog No.	E-AB-18801	Reactivity	H,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

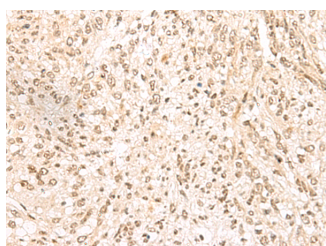
Images



Western blot analysis of Human placenta tissue lysate using MDFI Polyclonal Antibody at dilution of 1:400



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using MDFI Polyclonal Antibody at dilution of 1:55(×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using MDFI Polyclonal Antibody at dilution of 1:55(×200)

Immunogen Information

Immunogen	Fusion protein of human MDFI
Gene Accession	BC007836
Swissprot	Q99750
Synonyms	I MF,I mfa,Mdfi,MDFI,MyoD family inhibitor,Myogenic repressor I-mf

Product Information

Calculated MW	25 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:300, ELISA 1:5000-1:10000

Background

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. MDFI (MyoD Family Inhibitor) is a Protein Coding gene. GO annotations related to this gene include transcription factor binding. An important paralog of this gene is MDFIC.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.