

Datasheet for ABIN2784370
anti-MDFIC antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	MDFIC
Binding Specificity:	Middle Region
Reactivity:	Human, Rabbit, Pig, Cow, Dog, Rat, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MDFIC antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MDFIC
Sequence:	PQLQTSQVP SGEEIGKIKN GHTGLSNGNG IHHGAKHGSA DNRKLSAPVS
Predicted Reactivity:	Cow: 79%, Dog: 86%, Horse: 93%, Human: 100%, Pig: 86%, Rabbit: 93%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against MDFIC. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MDFIC
Alternative Name:	MDFIC (MDFIC Products)

Target Details

Background:	<p>MDFIC is a member of a family of proteins characterized by a specific cysteine-rich C-terminal domain, which is involved in transcriptional regulation of viral genome expression. Alternative translation initiation from an upstream non-AUG (GUG), and an in-frame, downstream AUG codon, results in the production of two isoforms, p40 and p32, respectively, which have different subcellular localization, p32 is mainly found in the cytoplasm, whereas p40 is targeted to the nucleolus. Both isoforms have transcriptional regulatory activity that is attributable to the cysteine-rich C-terminal domain. This gene product is a member of a family of proteins characterized by a specific cysteine-rich C-terminal domain, which is involved in transcriptional regulation of viral genome expression. Alternative translation initiation from an upstream non-AUG (GUG), and an in-frame, downstream AUG codon, results in the production of two isoforms, p40 and p32, respectively, which have different subcellular localization, p32 is mainly found in the cytoplasm, whereas p40 is targeted to the nucleolus. Both isoforms have transcriptional regulatory activity that is attributable to the cysteine-rich C-terminal domain.</p> <p>Alias Symbols: HIC</p> <p>Protein Interaction Partner: SOCS4, tat, RPS6KA5, CSNK2A1, MDFIC, CDK9, CCNT1,</p> <p>Protein Size: 355</p>
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Molecular Weight:	37 kDa
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Gene ID:	29969
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NCBI Accession:	NM_199072 , NP_951038
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UniProt:	Q9P1T7
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 355 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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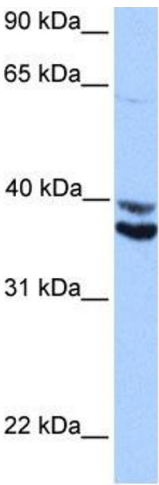
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MDFIC Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate