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Product Information

Recombinant Anti-Human MDM4 Single Domain Antibody

Cat. No.: **NAB-L120**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Single Domain Antibody to human MDM4.

Antigen Description

Protein Mdm4 is a protein that in humans is encoded by the MDM4 gene. The human MDM4 gene, which plays a role in apoptosis, encodes a 490-amino acid protein containing a RING finger domain and a putative nuclear localization signal. The MDM4 putative nuclear localization signal, which all Mdm proteins contain, is located in the C-terminal region of the protein. The mRNA is expressed at a high level in thymus and at lower levels in all other tissues tested. MDM4 protein produced by in vitro translation interacts with p53 via a binding domain located in the N-terminal region of the MDM4 protein. MDM4 shows significant structural similarity to p53-binding protein MDM2.

Specific Activity

Tested positive against native human antigen.

Target

MDM4

Immunogen

The details of the immunogen for this antibody are not available.

Source

llama

Species Reactivity

Human

Type

llama Single Domain Antibody

Expression Host

E.coli

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFOMATION

Gene Name

MDM4 Mdm4 p53 binding protein homolog (mouse) [Homo sapiens]

Official Symbol

MDM4

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Synonyms

MDM4; Mdm4 p53 binding protein homolog (mouse); Mdm4, transformed 3T3 cell double minute 4, p53 binding protein (mouse) , mouse double minute 4, human homolog of; p53 binding protein; protein Mdm4; MDMX; protein Mdmx; MDM4-related protein 1; mdm2-like p53-binding protein; double minute 4, human homolog of; p53-binding protein; Mdm4, transformed 3T3 cell double minute 4, p53 binding protein; HDMX; MRP1; MGC132766; DKFZp781B1423;

Gene ID

4194

mRNA Refseq

NM_001204171

Protein Refseq

NP_001191100

MIM

602704

UniProt ID

O15151

Chromosome Location

1q32

Pathway

p53 pathway, organism-specific biosystem; p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem;

Function

enzyme binding; metal ion binding; protein binding; zinc ion binding; zinc ion binding;

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