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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DFFB polyclonal antibody (A01)

Catalog # : H00001677-A01

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant DFFB.

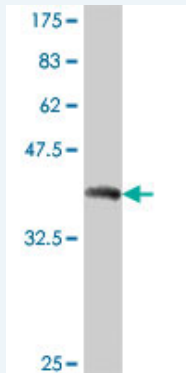
Immunogen: DFFB (NP_004393, 229 a.a. ~ 338 a.a) partial recombinant protein with GST tag.

Sequence: PFDMDSCLSRHSINPYSNRESRILFSTWNLDHIIKKRTIIPTLVEAIKEQDG
REVDWEYFYGLLFTSENKLVHIVCHKKTTTHKLNCDPSRIYKPQTRLKRK
QPVRKRQ

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (38.21 kDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

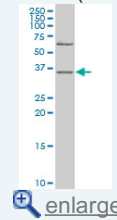
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

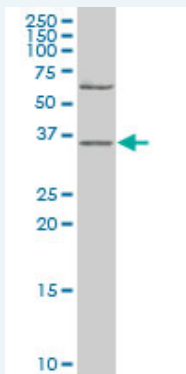
Application Image

Western Blot (Cell lysate)



Western Blot (Recombinant protein)

ELISA



DFFB polyclonal antibody (A01), Lot # 050928JC01. Western Blot analysis of DFFB expression in Daoy.

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1677](#)

GeneBank [NM_004402](#)

Accession#:

Protein [NP_004393](#)

Accession#:

Gene Name: DFFB

Gene Alias: CAD,CPAN,DFF-40,DFF2,DFF40

Gene Description: DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase)

Omim ID: [601883](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Apoptosis is a cell death process that removes toxic and/or useless cells during mammalian development. The apoptotic process is accompanied by shrinkage and fragmentation of the cells and nuclei and degradation of the chromosomal DNA into nucleosomal units. DNA fragmentation factor (DFF) is a heterodimeric protein of 40-kD (DFFB) and 45-kD (DFFA) subunits. DFFA is the substrate for caspase-3 and triggers DNA fragmentation during apoptosis. DFF becomes activated when DFFA is cleaved by caspase-3. The cleaved fragments of DFFA dissociate from DFFB, the active component of DFF. DFFB has been found to trigger both DNA fragmentation and chromatin condensation during apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene but the biological validity of these variants has not been determined. [provided by RefSeq]

Other Designations: DNA fragmentation factor, 40 kD, beta polypeptide, DNA fragmentation factor, 40 kD, beta polypeptide (caspase-activated DNase), DNA fragmentation factor, 40 kD, beta subunit, OTTHUMP0000003633, caspase-activated deoxyribonuclease, caspase-activated nuclease

Gene Pathway

[Apoptosis](#)

