



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## DFFA purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001676-D01P

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Rabbit polyclonal antibody raised against a full-length human DFFA protein.

**Immunogen:** DFFA (NP\_004392.1, 1 a.a. ~ 331 a.a) full-length human protein.

**Sequence:**  
 MEVTGDAGVPESGEIRTLKPCLLRNYSREQHGVAASCLEDLRSKACDI  
 LAIDKSLTPVTLVLAEDGTIVDDDDYFLCLPSNTKFVALASNEKWAYNNSD  
 GGTAWISQESFDVDETDSGAGLKWKVAVARQLKEDLSSIILLSEEDLQML  
 VDAPCSDLAQELRQSCATVQRLQHTLQQVLDQREEVRQSKQLLQLYLQ  
 ALEKEGSLLSKQEESSKAAGGEEVDAVDTGISRETSSDVALASHILTLREK  
 QAPELSLSSQDLELVTKEDPKALAVALNWDIKKTETVQEACERELALRLQ  
 QTQSLHSLRSISASKASPPGDLQNPKRARQDPT

**Host:** Rabbit

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

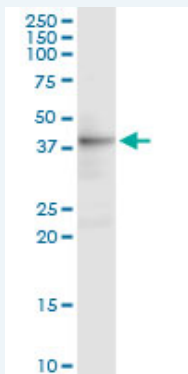
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

#### Western Blot (Tissue lysate)



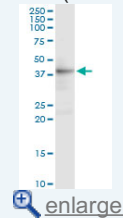
DFFA MaxPab rabbit polyclonal antibody. Western Blot analysis of DFFA expression in human pancreas.

[Protocol Download](#)

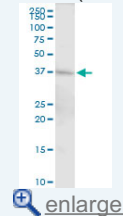
#### Western Blot (Cell lysate)

### Application Image

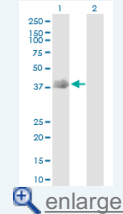
#### Western Blot (Tissue lysate)



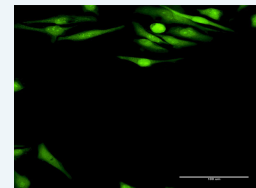
#### Western Blot (Cell lysate)

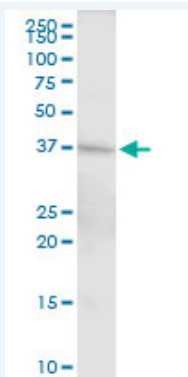


#### Western Blot (Transfected lysate)



#### Immunofluorescence

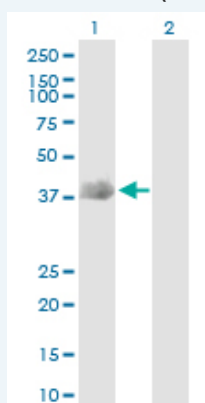




DFFA MaxPab rabbit polyclonal antibody. Western Blot analysis of DFFA expression in A-431.

[Protocol Download](#)

#### Western Blot (Transfected lysate)



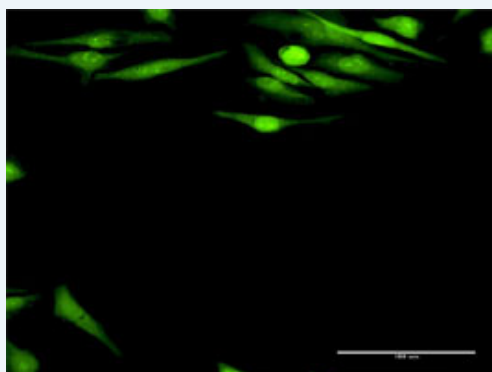
Western Blot analysis of DFFA expression in transfected 293T cell line ([H00001676-T02](#)) by DFFA MaxPab polyclonal antibody.

Lane 1: DFFA transfected lysate(36.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

#### Immunofluorescence



[enlarge this image](#)

Immunofluorescence of [purified](#) MaxPab antibody to DFFA on HeLa cell. [antibody concentration 30 ug/ml]

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#### Gene Information

Entrez GeneID: [1676](#)

GeneBank [NM\\_004401](#)  
Accession#:

Protein [NP\\_004392.1](#)  
Accession#:

Gene Name: DFFA

**Gene Alias:** DFF-45,DFF1,ICAD

**Gene Description:** DNA fragmentation factor, 45kDa, alpha polypeptide

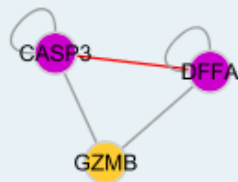
**Omim ID:** [601882](#)

**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. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

**Other Designations:** DFF45,DNA fragmentation factor, 45 kD, alpha polypeptide,DNA fragmentation factor, 45 kD, alpha subunit,OTTHUMP00000001903,OTTHUMP00000001904

### Interactome



### Gene Pathway

[Apoptosis](#)

### Related Disease

[Celiac Disease Genetic Predisposition to Disease](#)