

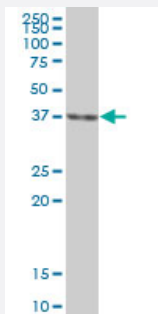
MaxPab®

# DFFA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001676-B01P

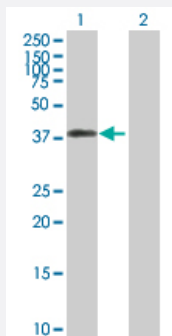
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

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

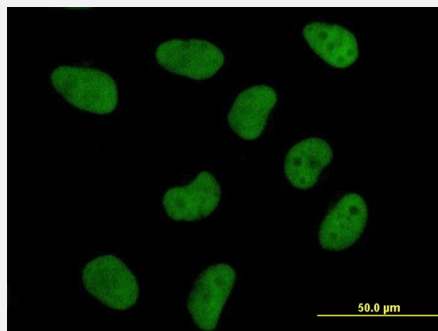


### Western Blot (Transfected lysate)

Western Blot analysis of DFFA expression in transfected 293T cell line ([H00001676-T01](#)) by DFFA MaxPab polyclonal antibody.

Lane 1: DFFA transfected lysate(36.41 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DFFA on HeLa cell. [antibody concentration 10 ug/ml]

## Specification

### Product Description

Mouse 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	MEVTGDAGVPESGEIRTLKPCLLRNYSREQHGVAASCLEDLRSKACDILAIKSLTPVTLVLAED GTIVDDDDYFLCLPSNTKFVALASNEKWAYNNSDGGTAWISQESFDVDETDSGAGLKWKNVAR QLKEDLSSIILLSEEDLQMLVDAPCSDLAQELRQSCATVQRLQHTLQQVLDQREEVRQSKQLLQL YLQALEKEGSLLSKQEESKAAFGEEVDAVDTGISRETSSDVALASHILTALREKQAPELSLSSQDL ELVTKEDPKALAVLNWDIKKTETVQEACERELALRLQQTQSLHSLRSISASKASPPGDLQNPKR ARQDPT
Host	Mouse
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.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DFFA on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — DFFA

Entrez GeneID	<a href="#">1676</a>
GeneBank Accession#	<a href="#">NM_004401</a>
Protein Accession#	<a href="#">NP_004392.1</a>

Gene Name	DFFA
Gene Alias	DFF-45, DFF1, ICAD
Gene Description	DNA fragmentation factor, 45kDa, alpha polypeptide
Omim ID	<a href="#">601882</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
Other Designations	DFF45 DNA fragmentation factor, 45 kD, alpha polypeptide DNA fragmentation factor, 45 kD, alpha subunit OTTHUMP00000001903 OTTHUMP00000001904

## Pathway

- [Apoptosis](#)

## Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)