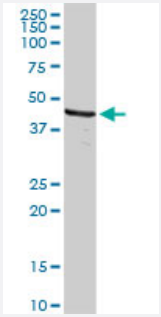
MaxPab®

DFFB purified MaxPab rabbit polyclonal antibody (D01P)

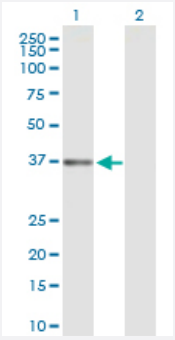
Catalog # H00001677-D01P Size 100 ug

Applications



Western Blot (Tissue lysate)

DFFB MaxPab rabbit polyclonal antibody. Western Blot analysis of DFFB expression in mouse liver.



Western Blot (Transfected lysate)

Western Blot analysis of DFFB expression in transfected 293T cell line (H00001677-T02) by DFFB MaxPab polyclonal antibody.

Lane 1: DFFB transfected lysate(39.10 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DFFB protein.
Immunogen	DFFB (NP_004393.1, 1 a.a. ~ 338 a.a) full-length human protein.
Sequence	MLQKPKSVKLRALRSPRKFGVAGRSCQEVLRKGCLRFQLPERGSRLCLYEDGTELTEDYFPSVP DNAELVLLTLGQAWQGYVSDIRRFLSAFHEPQVGLIQAAQQLLCDEQAPQRQRLLADLLHNVSQN IAAETRAEDPPWFEGLESRFQSKSGYLRYSCESRIRSYLREVSSYPSTVGAEAQEEFLRVLGSMC QRLRSMQYNGSYFDRGAKGGSRLCTPEGWFSCQGPFDMDSCLSRHSINPYSNRESRILFSTWNL DHIIEKKRTIIPTLVEAIKEQDGREVDWEYFYGLLFTSENLKLVHIVCHKKTTHKLNCDPSRIYKPQTR LKRKQPVRKRQ
Host	Rabbit

Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (77); Rat (77)
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.

Applications

- Western Blot (Tissue lysate)

  DFFB MaxPab rabbit polyclonal antibody. Western Blot analysis of DFFB expression in mouse liver.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of DFFB expression in transfected 293T cell line (H00001677-T02) by DFFB MaxPab polyclonal antibody.

  Lane 1: DFFB transfected lysate(39.10 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — DFFB

Entrez GeneID	1677
GeneBank Accession#	NM_004402
Protein Accession#	NP_004393.1
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|OTTHUMP00000003633|caspase-activated deoxyribonuclease|caspase-activated nuclease

Pathway

- Apoptosis