## antibodies -online.com









Go to Product page

_					
U	V	er	VI	е	W

Quantity:	100 μL		
Target:	DFFB		
Binding Specificity:	AA 109-338		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This DFFB antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (IHC)		
Product Details			
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 109-338 of human DFFB (NP_004393.1).		
Sequence:	DEQAPQRQRL LADLLHNVSQ NIAAETRAED PPWFEGLESR FQSKSGYLRY SCESRIRSYL REVSSYPSTV GAEAQEEFLR VLGSMCQRLR SMQYNGSYFD RGAKGGSRLC TPEGWFSCQG PFDMDSCLSR HSINPYSNRE SRILFSTWNL DHIIEKKRTI IPTLVEAIKE QDGREVDWEY FYGLLFTSEN LKLVHIVCHK KTTHKLNCDP SRIYKPQTRL KRKQPVRKRQ		
Isotype:	IgG		
Cross-Reactivity:	Human, Mouse		
Characteristics:	Polyclonal Antibodies		
Purification:	Affinity purification		

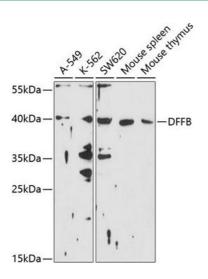
## Target Details

Target:	DFFB		
Alternative Name:	DFFB (DFFB Products)		
Background:	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 some of these variants has not been determined.,DFFB,CAD,CPAN,DFF-40,DFF2,DFF40,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Death Receptor Signaling Pathway,Endocrine & Metabolism,DFFB		
Molecular Weight:	11 kDa/12 kDa/30 kDa/39 kDa		
Gene ID:	1677		
UniProt:	076075		
Pathways:	Apoptosis, Caspase Cascade in Apoptosis		
Application Details			
Application Notes:	WB,1:200 - 1:1000,IHC,1:50 - 1:200		
Comment:	HIGH QUALITY		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Storage:	-20 °C		

Storage Comment:

Store at -20°C. Avoid freeze / thaw cycles.

## **Images**



## **Western Blotting**

Image 1. Western blot analysis of extracts of various cell lines, using DFFB antibody (ABIN6130028, ABIN6139552, ABIN6139553 and ABIN6214240) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.