

DFFB rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A13545	Rabbit	1 mg/ml	
Applications	IHC, WB		
Reactivity	Human		
Dilution	IHC 1:50-200, WB 1:500-2000		
Storage	-20°C/1 year		
Specificity	This antibody detects endogenous levels of human DFFB		
Source / Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.		
Immunogen	Synthesized peptide derived from human DFFB		
Uniprot No	O76075		
Alternative names	DNA fragmentation factor subunit beta (EC 3.-.-.) (Caspase-activated deoxyribonuclease) (CAD) (Caspase-activated DNase) (Caspase-activated nuclease) (CPAN) (DNA fragmentation factor 40 kDa subunit) (DFF-40)		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	<p>DNA fragmentation factor subunit beta(DFFB) Homo sapiens 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. [provided by RefSeq, Sep 2013],</p>		
Other	DFFB CAD DFF2 DFF40, DFFB		

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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