

Datasheet for ABIN5515849 **anti-DFFB antibody (C-Term)**



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Overview

Quantity:	100 µL
Target:	DFFB
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DFFB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human DFFB
Sequence:	LRSMQYNGSY FDRGAKGGSRLCTPEGWFSC QGPFDMDSCL SRHSINPYSN
Characteristics:	This is a rabbit polyclonal antibody against DFFB. It was validated on Western Blot.
Purification:	Affinity Purified

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

Target Details

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.

Alias Symbols: DFFB, CAD, DFF2, DFF40,

Protein Interaction Partner: DFFA, UBC, NUBP1, MARCKS, APP, CAND1, COPS5, CUL1, CUL2, CUL5, NEDD8, CIDEB, DFFB, TOP2A,

Protein Size: 338

Gene ID:	1677
NCBI Accession:	NP_004393
UniProt:	O76075
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.