

Rabbit anti-Human DFFB Polyclonal Antibody | anti-DFFB antibody

DFFB Antibody (N-term)

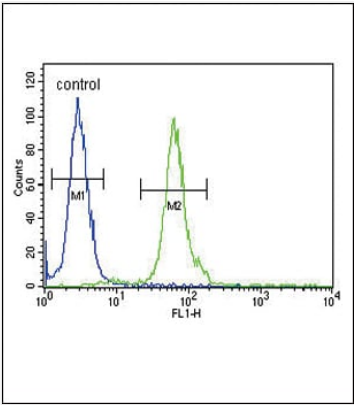
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289339	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

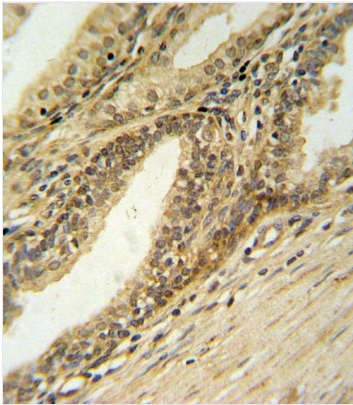
DFFB; Polyclonal Antibody; DFFB Antibody (N-term); DNA fragmentation factor subunit beta; 3---; Caspase-activated deoxyribonuclease; CAD; Caspase-activated DNase; Caspase-activated nuclease; CPAN; DNA fragmentation factor 40 kDa subunit; DFF-40; DFF2; DFF40; anti-DFFB antibody

PRODUCT SPECIFICATIONS

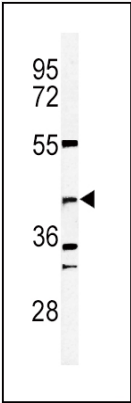
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DFFB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DFFB.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	103
Applicable Applications for anti-DFFB antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



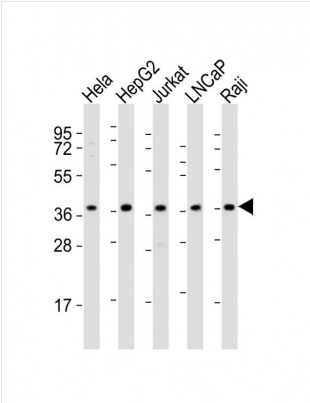
FCM/FACS (Flow Cytometry)
DFFB Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
DFFB Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DFFB Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DFFB Antibody (N-term) in 293 cell line lysates (35ug/lane). DFFB (arrow) was detected using the purified Pab.



WB (Western Blot)
All lanes : Anti-DFFB Antibody (N-term) at 1:2000 dilutionLane 1: HeLa whole cell lysatesLane 2: HepG2 whole cell lysatesLane 3: Jurkat whole cell lysatesLane 4: LNCaP whole cell lysatesLane 5: Raji whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 39 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-DFFB antibody	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.
Product Categories/Family for anti-DFFB antibody	Cell Biology; Metabolism
References	Hanus, J., et al. Apoptosis 13(3):377-382(2008) Kalinowska-Herok, M., et al. Acta Biochim. Pol. 55(1):21-26(2008) Neimanis, S., et al. J. Biol. Chem. 282(49):35821-35830(2007) Hristoskova, S., et al. J. Cell. Physiol. 213(2):490-494(2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758150
NCBI GeneID	1677
NCBI Accession #	NP_004393.1
NCBI GenBank Nucleotide #	NM_004402.3
UniProt Accession #	O76075; O60521; Q5SR22; Q9BYI4; Q9BYI5; Q9BYI6
Molecular Weight	39110
NCBI Official Full Name	DNA fragmentation factor subunit beta isoform 2
NCBI Official Synonym Full Names	DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase)
NCBI Official Symbol	DFFB
NCBI Official Synonym Symbols	CAD; CPAN; DFF2; DFF40; DFF-40
NCBI Protein Information	DNA fragmentation factor subunit beta
UniProt Protein Name	DNA fragmentation factor subunit beta
UniProt Gene Name	DFFB
UniProt Synonym Gene Names	CAD; DFF2; DFF40; CAD; Caspase-activated DNase; CPAN; DFF-40
UniProt Entry Name	DFFB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dffb-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289339>