

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

DFFA Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288583	Rabbit	Human	ELISA, Western Blot

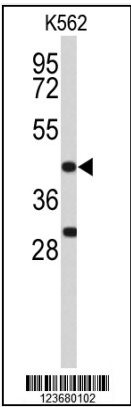
PRODUCT SYNONYMS

DFFA; Polyclonal Antibody; DFFA Antibody (C-term); DNA fragmentation factor subunit alpha; DNA fragmentation factor 45 kDa subunit; DFF-45; Inhibitor of CAD; ICAD; DFF1; DFF45; anti-DFFA antibody

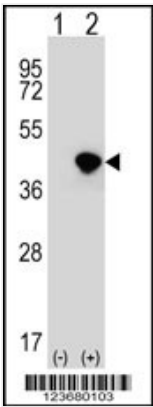
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DFFA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 304-331 amino acids from the C-terminal region of human DFFA.
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	304-331
Sequence Length	331
Applicable Applications for anti-DFFA antibody	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.

IMAGES



WB (Western Blot)
Western blot analysis of DFFA Antibody (C-term) in K562 cell line lysates (35ug/lane). DFFA (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of DFFA (arrow) using rabbit polyclonal DFFA Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DFFA gene.

ADDITIONAL INFORMATION

Related Product Information for anti-DFFA antibody	DFFA 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-DFFA antibody	Cell Biology; Metabolism
References	Ninios,Y.P., et.al., Apoptosis 15 (2), 128-138 (2010) Banas,T., et.al., Eur. J. Obstet. Gynecol. Reprod. Biol. 146 (1), 87-91 (2009) Trynka,G., et.al., Gut 58 (8), 1078-1083 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758148
NCBI GeneID	1676
NCBI Accession #	NP_004392.1; NP_998731.1
NCBI GenBank Nucleotide #	NM_004401.2
UniProt Accession #	O00273; Q5T6G5; Q5T6G6; Q96I97; Q9Y6C6
Molecular Weight	36522
NCBI Official Full Name	DNA fragmentation factor subunit alpha isoform 1
NCBI Official Synonym Full Names	DNA fragmentation factor, 45kDa, alpha polypeptide
NCBI Official Symbol	DFFA
NCBI Official Synonym Symbols	DFF1; ICAD; DFF-45
NCBI Protein Information	DNA fragmentation factor subunit alpha
UniProt Protein Name	DNA fragmentation factor subunit alpha
UniProt Gene Name	DFFA

UniProt Synonym Gene Names	DFF1; DFF45; DFF-45; ICAD
UniProt Entry Name	DFFA_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dffa-antibody-western-blot-elisa/288583>