

Rabbit DFFA Polyclonal Antibody | anti-DFFA antibody

DFFA Polyclonal Antibody

CATALOG # AAA311072	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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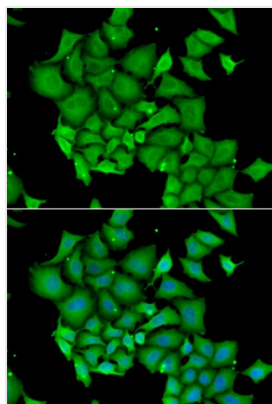
PRODUCT SYNONYMS

DFFA; Polyclonal Antibody; DFFA Polyclonal Antibody; DFF-45; DFF1; ICAD; DNA fragmentation factor subunit alpha; anti-DFFA antibody

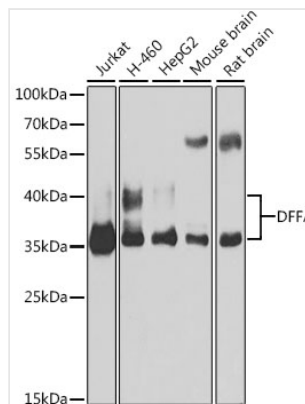
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-DFFA antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human DFFA (NP_004392.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

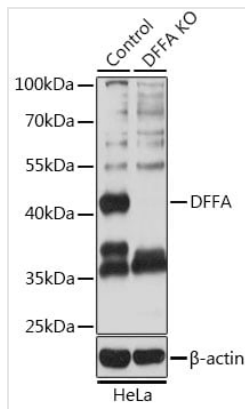
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using DFFA antibody.


WB (Western Blot)

Western blot analysis of extracts from normal (control) and DFFA knockout (KO) HeLa cells, using DFFA antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DFFA antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DFFA 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. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Product Categories/Family for anti-DFFA antibody

[Total protein Ab](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758148
NCBI GeneID	1676
NCBI Accession #	NP_004392.1
NCBI GenBank Nucleotide #	NM_004401.2
UniProt Accession #	O00273 ; Q5T6G5 ; Q5T6G6 ; Q96I97 ; Q9Y6C6
Molecular Weight	36,522 Da
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; DFF45; inhibitor of CAD; DNA fragmentation factor 45 kDa subunit
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.

