

Rabbit DFFA Polyclonal Antibody | anti-DFFA antibody

DFFA Polyclonal Antibody

CATALOG # AAA168443	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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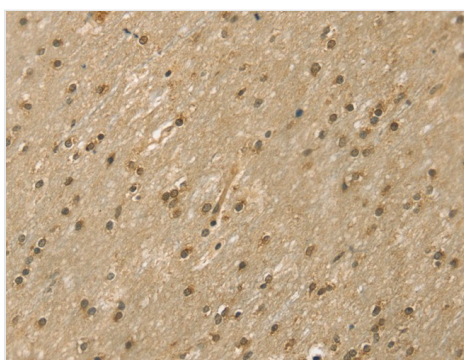
PRODUCT SYNONYMS

DFFA; Polyclonal Antibody; DFFA Polyclonal Antibody; DFF1; ICAD; DFF-45; anti-DFFA antibody

PRODUCT SPECIFICATIONS

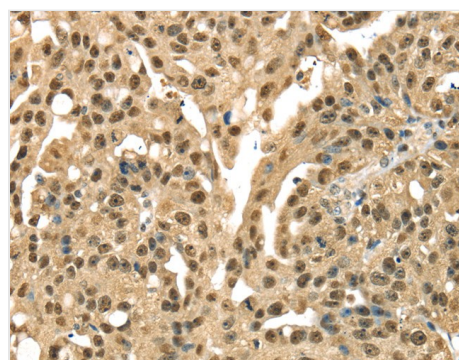
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.2mg/mL (varies by lot)
Sequence Length	268
Applicable Applications for anti-DFFA antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human DFFA
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using DFFA Polyclonal Antibody at dilution 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using DFFA Polyclonal Antibody at dilution 1:40

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47132600
NCBI GeneID	1676
NCBI Accession #	NP_998731.1
NCBI GenBank Nucleotide #	NM_213566.1
Molecular Weight	29,411 Da
NCBI Official Full Name	DNA fragmentation factor subunit alpha isoform 2
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; DNA fragmentation factor 45 kDa subunit; inhibitor of CAD
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.