

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

DFFA Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280874	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

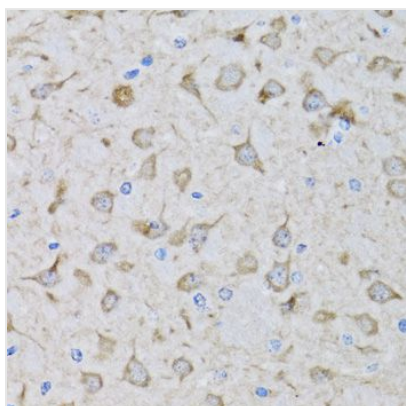
PRODUCT SYNONYMS

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

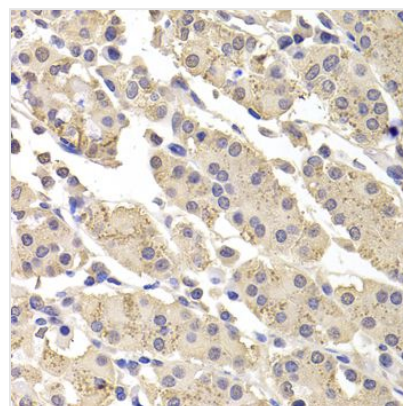
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	331
Applicable Applications for anti-DFFA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human DFFA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

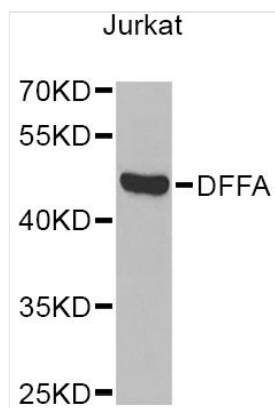
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using DFFA antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using DFFA antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of Jurkat cells, using DFFA Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.

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	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	2810997
NCBI GeneID	1676
UniProt Accession #	O00273; Q5T6G5; Q5T6G6; Q96I97; Q9Y6C6
Molecular Weight	37kDa
NCBI Official Full Name	DNA fragmentation factor subunit alpha
NCBI Official Synonym Full Names	DNA fragmentation factor subunit alpha
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

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.