

Rabbit anti-Human DFF45/DFFA Polyclonal Antibody | anti-DFF45/DFFA antibody

Rabbit anti-DFF45/DFFA IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213929	Rabbit	Human	Immunohistochemistry, Immunohistochemistry

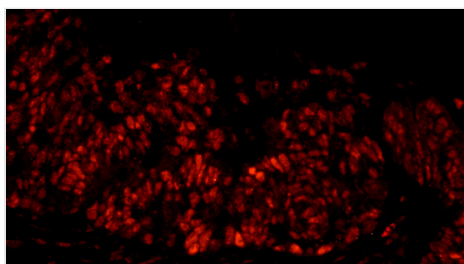
PRODUCT SYNONYMS

DFF45/DFFA; Polyclonal Antibody; Rabbit anti-DFF45/DFFA IHC Antibody; Affinity Purified; DNA fragmentation factor 45 kDa subunit; ICAD; inhibitor of CAD; DNA fragmentation factor subunit alpha; DFF45; DFF1; DNA fragmentation factor; 45kDa; alpha polypeptide; DFF-45; anti-DFF45/DFFA antibody

PRODUCT SPECIFICATIONS

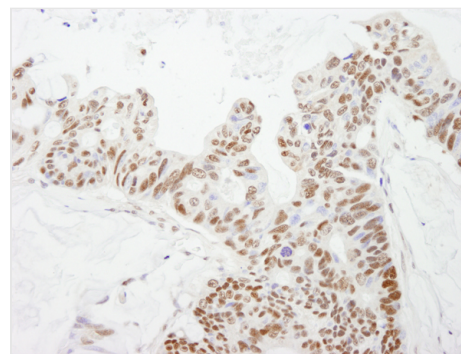
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for anti-DFF45/DFFA antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Orangutan, Chimpanzee, Northern white-cheeked gibbon
Immunogen	Between 281 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



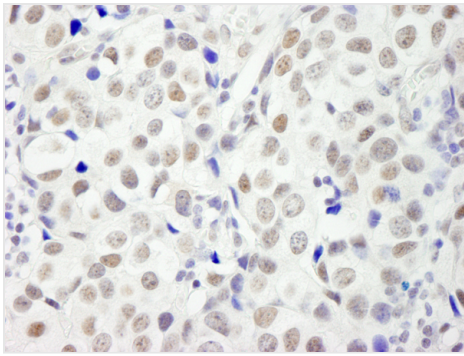
IHC (Immunohistochemistry)

Detection of human DFF45/DFFA by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-DFF45/DFFA (Cat. No. AAA213929) used at a dilution of 1:100. Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody used at a dilution of 1:100.



IHC (Immunohistochemistry)

Detection of human DFF45/DFFA by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-DFF45/DFFA (Cat. No. AAA213929) used at a dilution of 1:100. Detection: DAB



IHC (Immunohistochemistry)
 Detection of human DFF45/DFFA by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-DFF45/DFFA (Cat. No. AAA213929) used at a dilution of 1:500. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-DFF45/DFFA antibody	DNA fragmentation factor (DFF45/DFFA) is a component of DFF, the principle DNA endonuclease responsible for nucleosomal DNA cleavage during apoptosis. In the DFF complex, DFF45/DFFA heterodimerizes with DFF40 and is a substrate of the apoptotic effector, caspase 3. Initiation of the cellular apoptotic program results in the activation of caspase 3 and the cleavage and release of DFF45 from its heterodimeric partner, DFF40. The release of DFF40 from the inhibitory activity of DFF45 allows DFF40 to function as a DNA endonuclease to promote chromosomal DNA fragmentation. A 35 kDa splice variant of DFF45, DFF35, also exists and functions as a chaperone and alternative heterodimeric partner for DFF40.
Product Categories/Family for anti-DFF45/DFFA antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	47132599
NCBI GeneID	1676
NCBI Accession #	NP_998731.1
NCBI GenBank Nucleotide #	NM_213566
UniProt Accession #	O00273 ; Q5T6G5 ; Q5T6G6 ; Q96I97 ; Q9Y6C6
Molecular Weight	29,411 Da
NCBI Official Full Name	Homo sapiens DNA fragmentation factor, 45kDa, alpha polypeptide (DFFA), transcript variant 2, mRNA
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.

