

**DFFA Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5601**

**Specification**

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**DFFA Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O00273</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=37 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**DFFA Antibody (C-term) - Additional Information**

**Gene ID** 1676

**Antigen Region**  
304-331

**Other Names**

DNA fragmentation factor subunit alpha, DNA fragmentation factor 45 kDa subunit, DFF-45, Inhibitor of CAD, ICAD, DFFA, DFF1, DFF45

**Dilution**

WB~~1:2000

**Target/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.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DFFA Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**DFFA Antibody (C-term) - Protein Information**

**Name** DFFA

**Synonyms** DFF1, DFF45

**Function**

Inhibitor of the caspase-activated DNase (DFF40).

#### Cellular Location

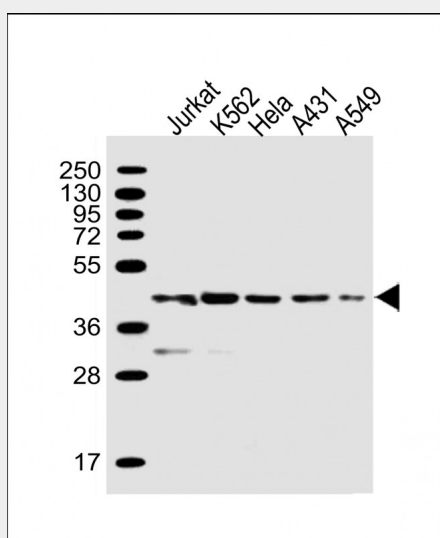
Cytoplasm.

#### DFFA Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### DFFA Antibody (C-term) - Images



All lanes : Anti-DFFA Antibody (C-term) at 1:2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: K562 whole cell lysate Lane 3: HeLa whole cell lysate Lane 4: A431 whole cell lysate Lane 5: A549 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 37 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### DFFA Antibody (C-term) - Background

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.

**DFFA Antibody (C-term) - References**

Ninos,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)