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DFFA Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5601

Specification

DFFA Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	O00273
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**H=37 KDa**
Isotype	**Rabbit Ig**
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

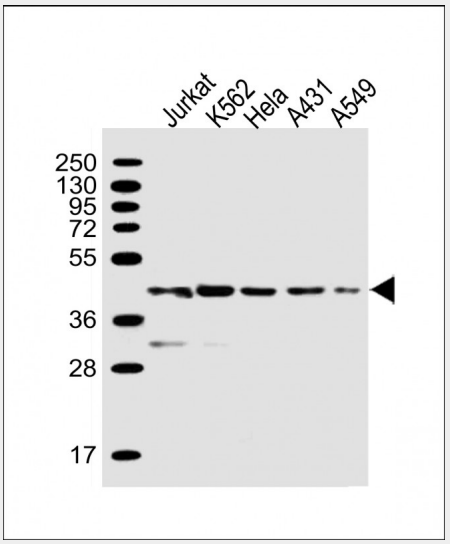
Dilution
WB~~1:2000

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



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

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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 Cytomety
- Cell Culture

chromatin condensation during apoptosis.

DFFA Antibody (C-term) - References

Ninios,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)