

DFFA Rabbit pAb

Catalog # AP97057

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O00273
Other Accession	O00273
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36522
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ICAD
Epitope Specificity	2-100/331
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 CIDE-N domain.
SUBUNIT	Heterodimer of DFFA and DFFB.
Post-translational modifications	Caspase-3 cleaves DFF45 at 2 sites to generate an active factor.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Caspase-activated deoxyribonuclease(CAD) also designated DNA fragmentation factor 45 kDa subunit (DFF-45)and Caspase-activated DNase. CAD is a nuclease that induces DNA fragmentation and chromatin condensation during apoptosis. Degrades naked DNA and induces apoptotic morphology. ICAD (DNA fragmentation factor alpha subunit) (DNA fragmentation factor 45 kDa subunit) (DFF-45) (Inhibitor of CAD) is inhibitor of the caspase-activated DNase (DFF44).

Additional Information

Gene ID	1676
Other Names	DFF-45; DFF1; ICAD; DFFA_HUMAN; DFFA; DNA fragmentation factor 45 kDa subunit (DFF-45); Inhibitor of CAD (ICAD); DFF45; DNA fragmentation factor subunit alpha; DNA fragmentation factor, 45 kD, alpha polypeptide; DNA fragmentation factor, 45kDa, alpha polypeptide; DNA fragmentation factor, 45 kD, alpha subunit
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	DFFA
Synonyms	DFF1, DFF45
Function	Inhibitor of the caspase-activated DNase (DFF40).
Cellular Location	Cytoplasm.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.