

Datasheet for ABIN7448951
anti-DFFA antibody (AA 271-331)



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Overview

Quantity:	10 µg
Target:	DFFA
Binding Specificity:	AA 271-331
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DFFA antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Purpose:	Rabbit anti-DFF45/DFFA IHC Antibody, Affinity Purified
Immunogen:	Between AA 271 and 331
Isotype:	IgG
Predicted Reactivity:	Orangutan, Chimpanzee, Northern white-cheeked gibbon
Purification:	Affinity Purified

Target Details

Target:	DFFA
Alternative Name:	DFF45/DFFA (DFFA Products)
Background:	Background: DNA fragmentation factor (DFF45/DFFA) is a component of DFF, the principle

Target Details

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.

Gene ID:	1676
NCBI Accession:	NP_004392
UniProt:	O00273
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	IHC-IF: 1:50 - 1:500 IHC: 1:100 - 1:500
Restrictions:	For Research Use only

Handling

Concentration:	100 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months