

Datasheet for ABIN7454749
anti-DFFA antibody (AA 271-331)



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Overview

Quantity:	20 µg
Target:	DFFA
Binding Specificity:	AA 271-331
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DFFA antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-DFF45/DFFA Antibody, Affinity Purified
Immunogen:	between AA 271 and 331
Isotype:	IgG
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: 1:200 - 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 5 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	200 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