Datasheet for ABIN6990306

anti-DFFB antibody (AA 190-240)

Go to Product page

Overview

Quantity:	0.1 mg
Target:	DFFB
Binding Specificity:	AA 190-240
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DFFB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	DFF40 antibody was raised against a 16 amino acid peptide near the center of human DFF40. The immunogen is located within amino acids 190 - 240 of DFF40.
Isotype:	IgG
Purification:	DFF40 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	DFFB
Alternative Name:	DFF40 (DFFB Products)
Background:	DFF40 Antibody: Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain containing adapter molecules and members of the caspase family of proteases. These death signals

Target Details

	finally cause the degradation of chromosomal DNA by activated DNase. A mouse DNase that causes DNA fragmentation was identified recently and designated CAD for caspase activated deoxyribonuclease. The human homologue of mouse CAD was more recently identified by three groups independently and termed CPAN, DFF40, and human CAD, respectively. DFF45/ICAD is the inhibitory protein of DFF40/CAD and forms complex with DFF40/CAD. Upon cleavage of DFF45/ICAD by activated caspase, DFF40/CAD is released and activated and eventually causes the degradation of DNA in the nuclei. Activation of DFF40/CAD, which causes DNA degradation, is the hallmark of apoptotic cell death.
Molecular Weight:	Predicted: 37 kDa Observed: 38 kDa
Gene ID:	13368
NCBI Accession:	NP_004393
UniProt:	O54788
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	DFF40 antibody can be used for detection of DFF40 /CAD by Western blot at 0.5 - 2 µ,g/mL. dilution. A 40 kDa band can be detected. Antibody can also be used for immunocytochemistry starting at 10 µ,g/mL. Antibody validated: Western Blot in human samples and Immunocytochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	DFF40 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	DFF40 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.