Datasheet for ABIN6990266

anti-DFFA antibody (N-Term)

Go to Product page

Overview

Quantity:	0.1 mg
Target:	DFFA
Binding Specificity:	N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DFFA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	ICAD antibody was raised against a peptide corresponding to amino acids near the amino terminus of mouse ICAD. The immunogen is located within the first 50 amino acids of ICAD.
Isotype:	IgG
Purification:	ICAD Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	DFFA
Alternative Name:	ICAD (DFFA Products)
Background:	ICAD 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

Target Details

	adapter molecules and members of the caspase family of proteases. These death signals finally cause the degradation of chromosomal DNA by activated DNase. A human DNA fragmentation factor (DFF) was identified recently which is cleaved by caspase-3 during apoptosis. Mouse homologue of human DFF was identified as a DNase inhibitor designated ICAD, for inhibitor of caspase-activated DNase. Upon cleavage of DFF/ICAD, a caspase activated deoxyribonuclease (CAD) is released and activated and eventually causes the degradation of DNA in the nuclei. Therefore, the cleavage of CAD inhibitor molecule DFF/ICAD, which causes DNase activation and DNA degradation, is the hallmark of apoptotic cell death.
Molecular Weight:	45 kDa
Gene ID:	13347
UniProt:	O54786
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	ICAD antibody can be used for detection of of ICAD by Western blot at 1 µ,g/mL. A 45 kDa band can be detected. Antibody can also be used for immunohistochemistry starting at 2 µ,g/mL. For immunofluorescence start at 10 µ,g/mL. Antibody validated: Western Blot in mouse samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ICAD 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 should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	ICAD 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.