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Datasheet for ABIN6990336
anti-FLASH antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	FLASH (CASP8AP2)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FLASH antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	FLASH antibody was raised against a synthetic peptide corresponding to amino acids near the carboxy terminus of human FLASH which differ from those of mouse by one amino acid. The immunogen is located within the last 50 amino acids of FLASH.
Isotype:	IgG
Purification:	FLASH Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	FLASH (CASP8AP2)
Alternative Name:	FLASH (CASP8AP2 Products)
Background:	FLASH Antibody: A novel mammalian CED-4 homologous was recently identified and cloned in mouse and human and designated FLASH (for FLICE-associated huge protein). FLASH is

Target Details

involved in Fas induced apoptosis. It is recruited to Fas after the receptor cross-linking. Overexpression of wild type of FLASH facilitates and its dominant negative form inhibits Fas induced apoptosis. FLASH interacts with the DEDs of caspase-8 and FADD through the DED-like domain of FLASH and mediates activation of caspase-8. There are parallels between FLASH and Apaf-1/CED-4 although there are arguments against their structural similarity. FLASH is widely expressed.

Molecular Weight: 220 kDa

Gene ID: 9994

UniProt: [Q9UKL3](#)

Pathways: [Chromatin Binding](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: FLASH antibody can be used for detection of FLASH by Western blot at 0.5 µg/mL. An approximate 220 kDa band can be detected. Antibody can also be used for immunocytochemistry starting at 10 µg/mL. For immunofluorescence start at 10 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: FLASH 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: FLASH 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.