

## Polyclonal Antibody to FLASH (CT)

<b>Catalog No.:</b>	SP6239P
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Rabbit anti-FLASH (CT) polyclonal antibody was raised against a synthetic peptide corresponding to amino acids 1253 to 1268 of human origin, which differ from those of mouse by one amino acid (1, 2).
<b>Applications:</b>	Western blot (0.25 - .05 µg/ml). HeLa cell lysate can be used as positive control and an approximate 220 kDa band can be detected. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the C-terminal region of FLICE - associated huge protein (FLASH). A novel mammalian CED-4 homologous was recently identified and cloned in mouse (1) and human (2) and designated FLASH (for FLICE-associated huge protein). FLASH is 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 (1). There are parallels between FLASH and Apaf-1/CED-4 although there are arguments against their structural similarity (1, 2). FLASH is widely expressed.
<b>Storage:</b>	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Imai Y, Kimura T, Murakami A, Yajima N, Sakamaki K, Yonehara S. The CED-4-homologous protein FLASH is involved in Fas-mediated activation of caspase-8 during apoptosis. <i>Nature</i> . 1999 Apr 29;398(6730):777-85. PubMed PMID: 10235259. 2. Koonin EV, Aravind L, Hofmann K, Tschopp J, Dixit VM Apoptosis. Searching for FLASH domains. <i>Nature</i> 1999; 401:662-3. 3. Medema JP. Apoptosis. Life and death in

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

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