



## DFF45 (Cleaved-Ser118) rabbit pAb

<b>Catalog No</b>	YP-Ab-00038
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB; ELISA
<b>Gene Name</b>	DFFA DFF1 DFF45 H13
<b>Protein Name</b>	DFF45 (Cleaved-Ser118)
<b>Immunogen</b>	Synthesized peptide derived from human DFF45 (Cleaved-Ser118)
<b>Specificity</b>	This antibody detects endogenous levels of Human DFF45 (Cleaved-Ser118, protein was cleaved amino acid sequence between117-118 )
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	DNA fragmentation factor subunit alpha (DNA fragmentation factor 45 kDa subunit;DFF-45;Inhibitor of CAD;ICAD)
<b>Observed Band</b>	24 36kD
<b>Cell Pathway</b>	Cytoplasm.
<b>Tissue Specificity</b>	
<b>Function</b>	DNA catabolic process, endonucleolytic, DNA metabolic process, DNA catabolic process, DNA fragmentation involved in apoptosis, apoptosis, induction of apoptosis, cell structure disassembly during apoptosis, nucleus organization,intracellular signaling cascade, cell death, macromolecule catabolic process, regulation of cell death, positive regulation of cell death, programmed cell death, induction of programmed cell death, death, cellular component disassembly,apoptotic nuclear changes, regulation of apoptosis, positive regulation of apoptosis, negative regulation of apoptosis,regulation of programmed cell death, positive regulation of programmed cell death, negative regulation of programmed cell death, cellular macromolecule catabolic process, negative regulation of cell death,
<b>Background</b>	function:Inhibitor of the caspase-activated DNase (DFF40).,PTM:Caspase-3 cleaves DFF45 at 2 sites to generate an active factor.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 CIDE-N



domain.,subunit:Heterodimer of DFFA and DFFB.,

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**