



## Anti-CIDEA (aa 1-190) polyclonal antibody (DPABH-03568)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

**Antigen Description** 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 finally cause the degradation of chromosomal DNA by activated DNase. DFF45/ICARD has been identified as inhibitor of caspase activated DNase DFF40/CAD. DFF45 related proteins CIDE A and CIDE B (for cell death inducing DFF like effector A and B) were recently identified. CIDE contains a new type of domain termed CIDE N, which has high homology with the regulatory domains of DFF45/ICARD and DFF40/CAD. Expression of CIDE A induces DNA fragmentation and activates apoptosis, which is inhibited by DFF45. CIDE A is a DFF45 inhibitable effector that promotes cell death and DNA fragmentation. CIDE A is expressed in many tissues.

<b>Immunogen</b>	Recombinant fragment corresponding to a region within amino acids 1-190 of Human CIDE A
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P, ICC/IF
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.00; Constituents: 0.75% Glycine, 1.21% Tris, 10% Glycerol

<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CIDEA cell death-inducing DFFA-like effector a [ Homo sapiens ]</a>
<b>Official Symbol</b>	CIDEA
<b>Synonyms</b>	CIDEA; cell death-inducing DFFA-like effector a; CIDE-A; cell death activator CIDE-A;
<b>Entrez Gene ID</b>	<a href="#">1149</a>
<b>Protein Refseq</b>	<a href="#">NP_001270.1</a>
<b>UniProt ID</b>	<a href="#">O60543</a>
<b>Function</b>	protein homodimerization activity;