bs-7649R **[Primary Antibody]**

CIDE A Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1149 **SWISS:** O60543

Target: CIDE A

Immunogen: KLH conjugated synthetic peptide derived from human CIDE A: 85-180/219.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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/ICAD 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.

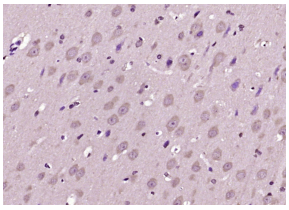
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Mouse, Rat
(predicted: Human, Rabbit, Pig, Chicken, Dog, Horse)

Predicted MW.: 23 kDa

Subcellular Location: Nucleus

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CIDE A) Polyclonal Antibody, Unconjugated (bs-7649R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

SELECTED CITATIONS

- **[IF=2.742]** Liu, Yanrong. et al. Cinnamaldehyde affects lipid droplets metabolism after adipogenic differentiation of C2C12 cells. MOL BIOL REP. 2022 Dec;:1-7 WB ;Mouse. 36538173