

bs-0716R**[Primary Antibody]****BioSS**
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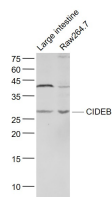
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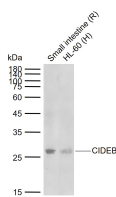
400-901-9800

CIDEB Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 27141 Target: CIDEB Immunogen: KLH conjugated synthetic peptide derived from human CIDEB: 118-219/219. 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/ICAD has been identified as an inhibitor of caspase activated DNase DFF40/CAD. DFF45 related proteins CIDE A and CIDE 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 B induces apoptosis, which is inhibited by DFF45. CIDE B is a DFF45 inhibitable effector that promotes cell death and DNA fragmentation. CIDE B is expressed mainly in liver and small intestine and at lower levels in spleen, colon, kidney, peripheral blood lymphocytes, and bone marrow.	Isotype: IgG SWISS: Q546V8 Applications: WB (1:500-2000) Reactivity: Human, Mouse, Rat (predicted: Pig, Cow, Dog, Horse) Predicted MW.: 24 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Sample: Large intestine (Mouse) Lysate at 40 ug
Raw264.7(Mouse) Cell Lysate at 30 ug Primary:
Anti- CIDEB (bs-0716R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 24 kD
Observed band size: 27 kD



Sample: Lane 1: Rat Small intestine tissue
lysates Lane 2: Human HL-60 cell lysates
Primary: Anti-CIDEB (bs-0716R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 24 kDa Observed band size: 27 kDa

— 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