bs-0716R

[Primary Antibody]

CIDEB Rabbit pAb



400-901-9800 - DATASHEET -Host: Rabbit Isotype: IgG Applications: WB (1:500-2000) Clonality: Polyclonal GenelD: 27141 SWISS: Q546V8 Target: CIDEB Immunogen: KLH conjugated synthetic peptide derived from human CIDEB: 118-219/219. Purification: affinity purified by Protein A Reactivity: Human, Mouse, Rat Concentration: 1mg/ml (predicted: Pig, Cow, Dog, Horse) 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 Predicted MW.: ^{24 kDa} 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 Subcellular Location: Cytoplasm 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.

— 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