

bs-6796R**[Primary Antibody]****CIDEC Rabbit pAb****Bioss**
ANTIBODIES

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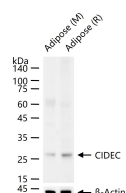
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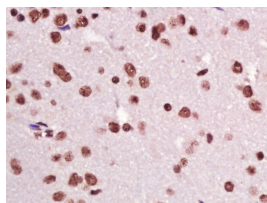
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 63924**SWISS:** Q96AQ7**Target:** CIDEC**Immunogen:** KLH conjugated synthetic peptide derived from human CIDEC: 101-200/238.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

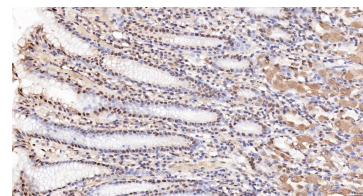
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the cell death-inducing DNA fragmentation factor-like effector family. Members of this family play important roles in apoptosis. The encoded protein promotes lipid droplet formation in adipocytes and may mediate adipocyte apoptosis. This gene is regulated by insulin and its expression is positively correlated with insulin sensitivity. Mutations in this gene may contribute to insulin resistant diabetes. A pseudogene of this gene is located on the short arm of chromosome 3. Alternatively spliced transcript variants that encode different isoforms have been observed for this gene. [provided by RefSeq, Dec 2010].
Tissue specificity: Expressed mainly in small intestine, heart, colon and stomach and, at lower levels, in brain, kidney and liver.**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1ug/Test)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat
(predicted: Pig)**Predicted
MW.:** 27 kDa**Observed
MW.:** 27 kDa**Subcellular
Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

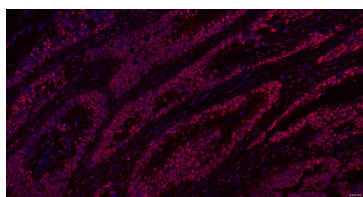
25 ug total protein per lane of various lysates (see on figure) probed with CIDEC polyclonal antibody, unconjugated (bs-6796R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



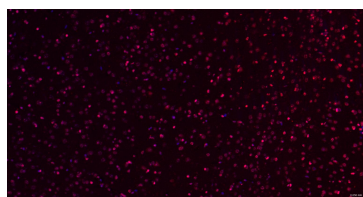
Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CIDEC) Polyclonal Antibody, Unconjugated (bs-6796R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



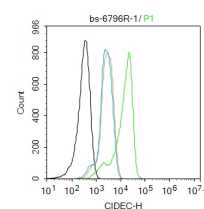
Paraformaldehyde-fixed, paraffin embedded Human Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CIDEC Polyclonal Antibody, Unconjugated (bs-6796R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in



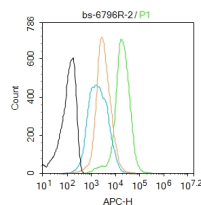
Blank control: A431. Primary Antibody (green line): Rabbit Anti-CIDEC antibody (bs-6796R)

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CIDECD Polyclonal Antibody, Unconjugated (bs-6796R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.

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Dilution: 1ug/Test; Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1% PBST for 20 min at room temperature.The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



Blank control:Mouse spleen. Primary Antibody (green line): Rabbit Anti-CIDECD antibody (bs-6796R) Dilution: 2µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-BF647 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=8.2]** Yingjun Zhou. et al. Auricularia auricula-judae (Bull.) polysaccharides improve obesity in mice by regulating gut microbiota and TLR4/JNK signaling pathway. INT J BIOL MACROMOL. 2023 Oct;250:126172 WB ;Mouse. 37558018
- **[IF=6.656]** Qing-song Xia. et al. Ban-xia-xie-xin-tang ameliorates hepatic steatosis by regulating Cidea and Cidec expression in HFD-fed mice. PHYTOMEDICINE. 2022 Oct;105:154351 WB,IHC ;Mouse. 35908522
- **[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