

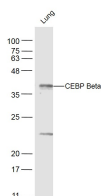
bs-1396R**[Primary Antibody]****CEBP Beta Rabbit pAb****Bioss**
ANTIBODIES

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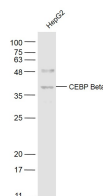
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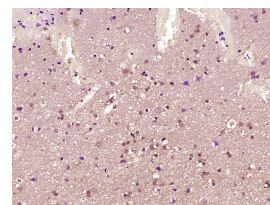
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 1051**SWISS:** P17676**Target:** CEBP Beta**Immunogen:** KLH conjugated synthetic peptide derived from human CEBP Beta: 251-345/345.**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:** The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a homodimer to certain DNA regulatory regions. It can also form heterodimers with the related proteins CEBP-alpha, CEBP-delta, and CEBP-gamma. The encoded protein is important in the regulation of genes involved in immune and inflammatory responses and has been shown to bind to the IL-1 response element in the IL-6 gene, as well as to regulatory regions of several acute-phase and cytokine genes. In addition, the encoded protein can bind the promoter and upstream element and stimulate the expression of the collagen type I gene. [provided by RefSeq].**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1µg/Test)**Reactivity:** Human, Mouse
(predicted: Rat, Rabbit, Pig, Sheep, Cow, Chicken)**Predicted MW.:** 36 kDa**Subcellular Location:** Nucleus**— VALIDATION IMAGES —**

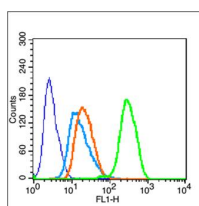
Sample: Lung (Mouse) Lysate at 40 ug Primary: Anti-CEBP Beta (bs-1396R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD
Observed band size: 36 kD



Sample: HepG2(Human) Cell Lysate at 40 ug Primary: Anti-CEBP Beta (bs-1396R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 36 kD



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); 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 (CEBP Beta) Polyclonal Antibody, Unconjugated (bs-1396R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control (blue line): HeLa Primary Antibody
(green line): Rabbit Anti-CEBP Beta antibody (bs-1396R) Dilution: 1µg/10⁶ cells; Isotype

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

Control Antibody (orange line): Rabbit IgG .
 Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC Dilution: 1µg /test. Protocol The cells were fixed with 70% ethanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 30 min on ice. Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1 X PBS/2%BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 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]** Xiaoyu Yue. et al. Taraxacum mongolicum polysaccharides promotes promote white adipocyte browning by regulating miR-134-3p via Akt/GSK-3β signalling. INT J BIOL MACROMOL. 2023 Nov;;128296 WB ;Sheep. 38000580
- **[IF=5.62]** He, Ting, et al. "Tumor cell-secreted angiogenin induces angiogenic activity of endothelial cells by suppressing miR-542-3p." Cancer Letters (2015). WB ;="Human". 26272182
- **[IF=6]** Liu Xiuxing. et al. Single-cell profiling unveils a geroprotective role of Procyanidin C1 in hematopoietic immune system via senolytic and senomorphic effects. npj Aging. 2025 May;11(1):1-16 FC ;Mouse. 40316527
- **[IF=5.5]** Jiachen Bai. et al. Integrated transcriptomics and proteomics assay identifies the role of FCGR1A in maintaining sperm fertilization capacity during semen cryopreservation in sheep. FRONT CELL DEV BIOL. 2023; 11: 1177774 Other ;Sheep. 37601105
- **[IF=6.175]** Li Kan. et al. m6A demethylase FTO regulate CTNNB1 to promote adipogenesis of chicken preadipocyte. Journal of Animal Science and Biotechnology. 2022 Dec;13(1):1-15 WB ;Chicken. 36461116