

Anti-C/EBP Beta CEBPB Antibody

Catalog Number: A01100-1

About CEBPB

Involved in calcium induced regulation of ion channel and activation of the map kinase signaling pathway. May represent an important signaling intermediate between neuropeptide activated receptors or neurotransmitters that increase calcium flux and the downstream signals that regulate neuronal activity. Interacts with the SH2 domain of Grb2. May phosphorylate the voltage-gated potassium channel protein Kv1.2. Its activation is highly correlated with the stimulation of c-Jun N-terminal kinase activity. Involved in osmotic stress-dependent SNCA 'Tyr-125' phosphorylation.

Gluck SL, et al. (2004) J Clin Invest; 114(12): 1696-1699

Benzing T, et al. (2001) Proc Natl Acad Sci U S A; 98(17): 9784-9789

Tian D, et al. (2002) Mol Cell Biol; 22(8): 2650-2662

Lu Z, et al. (2001) Mol Cell Biol; 21(12): 4016-4031

Krishnan HH, et al. (2006) J Virol; 80(3): 1167-1180

Overview

Product Name	Anti-C/EBP Beta CEBPB Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-C/EBP Beta CEBPB Antibody catalog # A01100-1. Tested in WB,ICC/IF,IP,Flow Cytometry applications. This antibody reacts with Human,Mouse,Rat.
Application	Flow Cytometry, IP, IF, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P17676

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human C4A, which shares 86.8% and 87.2% amino acid (aa) sequence identity with mouse and rat C4A, respectively.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	Rabbit IgG

Form	Liquid
Concentration	1 mg/ml
Purification	ProA affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1,000-1:2,000 ICC: 1:50-1:200 FC: 1:50-1:100

Anti-C/EBP Beta CEBPB Antibody (A01100-1) Images

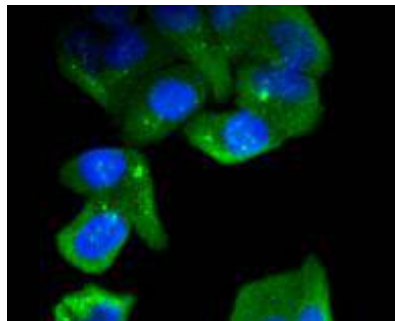


Figure 2. Immunocytochemistry staining of CEBPB using Anti-C/EBP Beta CEBPB Antibody (A01100-1).

ICC staining C/EBP Beta in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

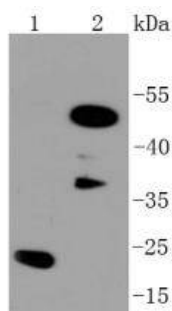


Figure 1. Western blotting validation for Anti-C/EBP Beta CEBPB Antibody A01100-1

Western blot analysis of C/EBP Beta on different lysates using anti-C/EBP Beta antibody at 1/1

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