

Anti-C/EBP-Beta (S229/182) CEBPB Antibody

Catalog Number: A01100S229

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 (S229/182) CEBPB Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-C/EBP-Beta (S229/182) CEBPB Antibody catalog # A01100S229. Tested in IHC applications. This antibody reacts with Human,Mouse,Rat.
Application	IHC
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	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
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: IHC: 1:50-1:200

Anti-C/EBP-Beta (S229/182) CEBPB Antibody (A01100S229) Images

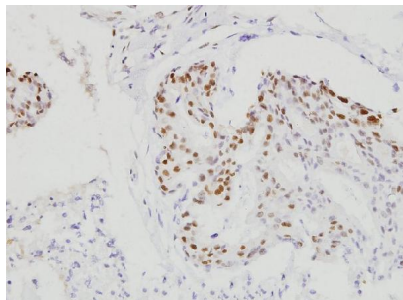


Figure 1. Immunohistochemistry validation of CEBPB using Anti-C/EBP-Beta (S229/182) CEBPB Antibody (A01100S229).

Immunohistochemistry (IHC) analyzes of C/EBP-beta (S229/182) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.
For more protocol information of IHC

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