

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CEBPA



Numéro de catalogue: 18311-1-AP

Phare

50 Publications

Informations de base

Numéro de catalogue:
18311-1-AP

Taille:
150ul, Concentration: 750 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
BC160133

Identification du gène (NCBI):
1050

Nom complet:
CCAAT/enhancer binding protein (C/EBP), alpha

MW calculé

38 kDa

MW observés:

43-45 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

Applications

Applications testées:
IP, WB, ELISA

Demands citées:
ChIP, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Chèvre, Humain, porc, rat, souris, Hamster

Contrôles positifs:

WB : cellules L02, tissu hépatique humain

IP : cellules L02,

Informations générales

CEBPA and its isoforms play important roles in lineage determination and gene activation in a variety of cell types by activating transcription from lineage-specific promoters. CEBPA is a DNA-binding protein that recognizes two different motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers. In hematopoiesis, C/EBPα is a key factor in driving the development of myeloid cells interacting with a variety of factors, including c-Myc, PU.1, and microRNAs. It can also form heterodimers with the related proteins CEBP-beta and CEBP-gamma. The encoded protein has been shown to bind to the promoter and modulate the expression of the gene encoding leptin which plays an important role in body weight homeostasis. CEBPA can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells. Several pathways have been implicated as the means by which CEBPA mediates cell cycle arrest and proliferation, including p21, cyclin-dependent kinases and the E2F complex via c-Myc. The calculated molecular weight of CEBPA is 38 kDa, but modified CEBPA is about 42 kDa (PMID: 19623175).

Publications notables

Autrice	Pubmed ID	Journal	Application
Hai-Shuang Lin	25258381	J Leukoc Biol	WB
Ladan Kobari	34556797	Leukemia	WB
Zhao Yang	36120828	J Biochem Mol Toxicol	WB

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

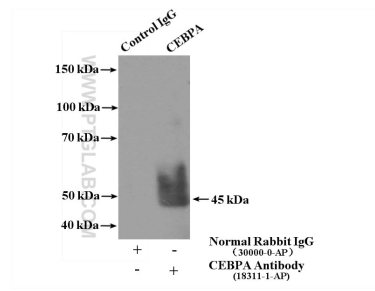
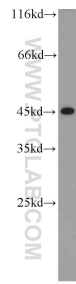
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E: proteintech@ptglab.com
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Données de validation sélectionnées



L02 cells were subjected to SDS PAGE followed by western blot with 18311-1-AP (CEBPA antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

IP Result of anti-CEBPA (IP:18311-1-AP, 4ug; Detection:18311-1-AP 1:500) with L02 cells lysate 1800ug.