

Nur für Forschungszwecke

CEBPA Polyklonaler Antikörper

Katalog-Nr.:18311-1-AP

Vorgestelltes Produkt

47 Publikationen



Allgemeine Informationen

Katalog-Nr.:
18311-1-AP

Größe:
150ul, Konzentration: 750 µg/ml von
Nanodrop und 347 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
BC160133

GeneID (NCBI):
1050

Vollständiger Name:
CCAAT/enhancer binding protein
(C/EBP), alpha

Berechnete Masse:
38 kDa

Beobachtete Masse:
43-45 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB

Anwendungen

Geprüfte Anwendungen:

IP, WB, ELISA

In Publikationen genannte Anwendungen:

ChIP, IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hamster, Hausschwein, Human, Maus, Ratte, Ziege

Positivkontrollen:

WB: L02-Zellen, humanes Lebergewebe

IP: L02-Zellen,

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

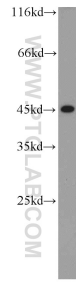
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

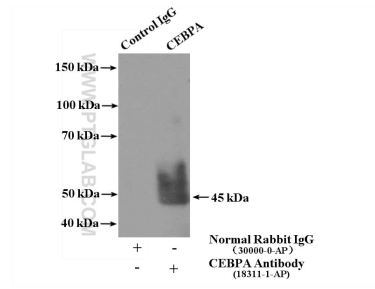
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



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.