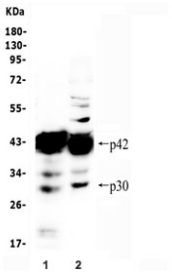
CEBP Alpha Antibody (RQ5568)

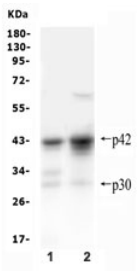
Catalog No.	Formulation	Size
RQ5568	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P49715
Applications	Western blot: 0.25-0.5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This CEBP Alpha antibody is available for research use only.



Western blot testing of human 1) U-937 and 2) HepG2 cell lysate with CEBP Alpha antibody.



Western blot testing of 1) rat lung and 2) mouse lung lysate with CEBP Alpha antibody.

Description

CEBPA, CCAAT/enhancer-binding protein alpha is a protein that in humans is encoded by the CEBPA gene. The CEBPA gene is intronless. Using human/hamster somatic cell hybrids containing restricted fragments of human chromosome 19, the CEBPA gene is mapped to chromosome 19q13.1, between the GPI and TGFB1 genes. The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a homodimer to certain promoters and enhancers. 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, a protein that plays an important role in body weight homeostasis.

Application Notes

Optimal dilution of the CEBP Alpha antibody should be determined by the researcher.

Immunogen

A human recombinant protein (amino acids Y138-Q221) was used as the immunogen for the CEBP Alpha antibody.

Storage

After reconstitution, the CEBP Alpha antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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