

Datasheet for ABIN3030343
anti-CEBPA antibody (AA 304-330)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	CEBPA
Binding Specificity:	AA 304-330
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEBPA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 304-330 from the human protein was used as the immunogen for this CEBPA antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat, Bovine
Purification:	Antigen affinity purified

Target Details

Target:	CEBPA
Alternative Name:	CEBPA (CEBPA Products)
Background:	CEBPA is a bZIP transcription factor which can bind as a homodimer to certain promoters and

Target Details

enhancers. It can also form heterodimers with the related proteins CEBP-beta and CEBP-gamma. This 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. Also, the protein can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells.

UniProt: [P49715](#)

Pathways: [Brown Fat Cell Differentiation](#), [Positive Regulation of fat Cell Differentiation](#)

Application Details

Application Notes: Titration of the CEBPA antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

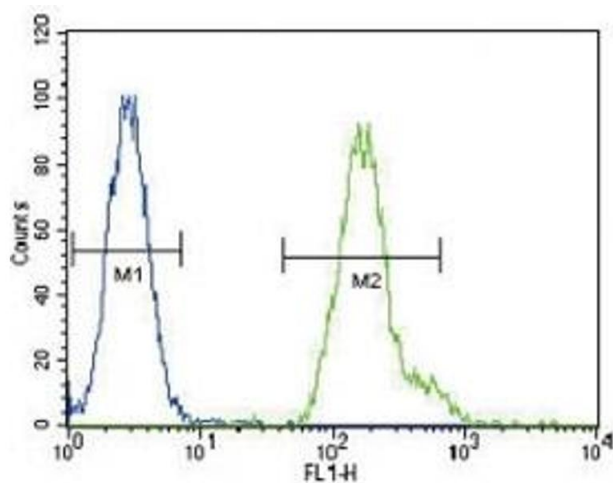
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

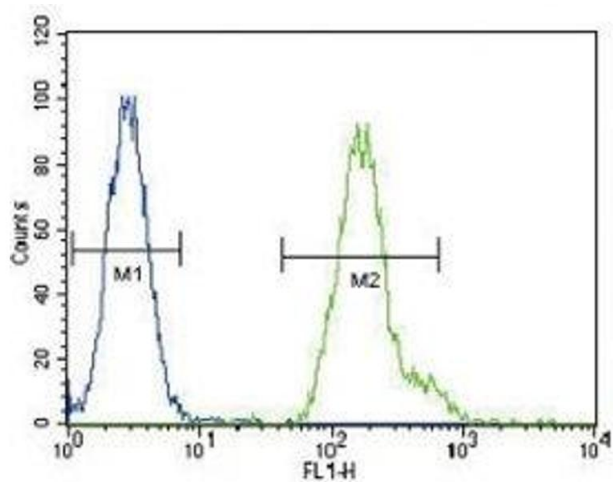
Storage: -20 °C

Storage Comment: Aliquot the CEBPA antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



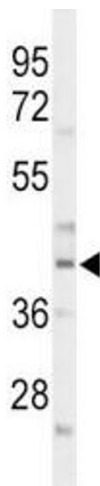
Flow Cytometry

Image 1. CEBPA antibody flow cytometric analysis of HeLa cells (green) compared to a [negative control](#) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Flow Cytometry

Image 2. CEBPA antibody flow cytometric analysis of HeLa cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 3. Western blot analysis of CEBPA antibody and mouse liver tissue lysate.