

Datasheet for ABIN2787466
anti-CEBPA antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CEBPA
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Zebrafish (Danio rerio), Guinea Pig, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEBPA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CEBPA
Sequence:	ASGGSGAGKA KKSVDKNSNE YRVRRERNNI AVRKSRDKAK QRNVETQQKV
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 77%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against CEBPA. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CEBPA
Alternative Name:	CEBPA (CEBPA Products)

Target Details

Background:	CEBPA is a bZIP transcription factor which can bind as a homodimer to certain promoters and enhancers. It can form heterodimers with the related proteins CEBP-beta and CEBP-gamma. The 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, CEBPA can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells. Alias Symbols: C/EBP-alpha, CEBP Protein Interaction Partner: CEBPB, ZBTB16, RARA, HDAC1, BHLHE41, UBC, CEBPE, BATF2, BATF3, YY1AP1, ATF5, BATF, FOSL1, FOS, DBP, CEBPG, CEBPA, ATF4, ATF3, UBE3A, SKP2, RASGRF1, C1QBP, CDKN1A, SRA1, CDK4, PIAS1, Fbxw7, GRIN3A, RAB34, NAA16, POLR1E, MRT04, AK5, MACF1, KAT5, AKAP9, SMC1 Protein Size: 358
Molecular Weight:	37 kDa
Gene ID:	1050
NCBI Accession:	NM_004364 , NP_004355
UniProt:	P49715
Pathways:	Brown Fat Cell Differentiation , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 358 AA
Restrictions:	For Research Use only

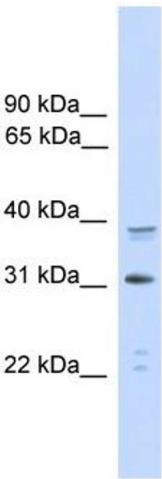
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-CEBPA Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Hela cell lysate