Datasheet for ABIN5775083

anti-CBFB antibody (Center)

3 Images

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Overview

Quantity:	100 µL
Target:	CBFB
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBFB antibody is un-conjugated
Application:	ELISA, Chromatin Immunoprecipitation (ChIP), ChIP DNA-Sequencing (ChIP-seq)

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of CBFB.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to central region of human CBFB.
Cross-Reactivity:	Human

Target Details

Target:	CBFB
Alternative Name:	CBFB (CBFB Products)
Background:	Full Gene Name: core-binding factor, beta subunit Synonyms: PEBP2B
Gene ID:	865

Target Details

UniProt:	Q13951
Pathways:	Regulation of Lipid Metabolism by PPARalpha

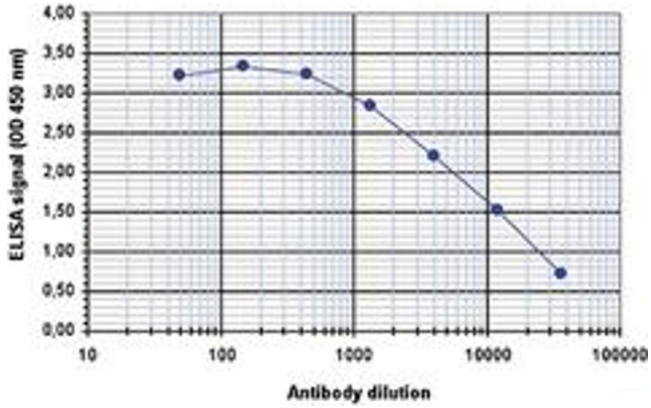
Application Details

Application Notes:	ELISA (1:500) ChIP (4 µL/CHIP) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In Whole antiserum (0.05 % 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,-80 °C
Storage Comment:	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. ELISA is a quantitative method used to determine the titer of the antibody using a serial dilution of antibody against human CBFB. The plates were coated with the peptides used for immunization of the rabbit. By plotting the absorbance against the antibody dilution, the titer of the antibody was estimated to be 1:8800.

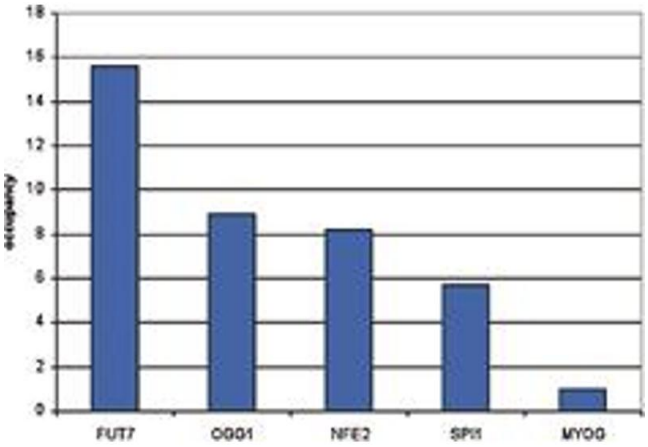


Image 2. ChIP assays were performed using SKNO-1 cells. Sheared chromatin from 1.25 million cells and 4 ul of antibody were used per ChIP experiment. QPCR was performed using primers specific for the FUT7, OGG1, NFE2, and SPI1 genes. The figure shows the relative occupancy, calculated as the ratio + control/background for which the MYOG gene was used.

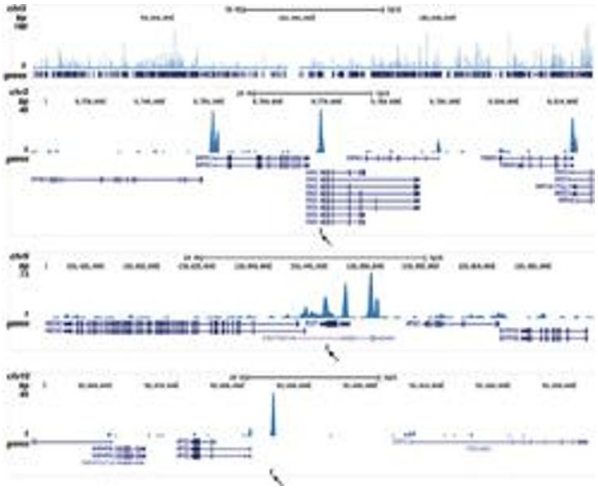


Image 3. The figure shows the results of the complete chromosome 3 and three genomic regions region surrounding the OGG1, FUT7 and NFE2 genes, respectively. The position of the PCR amplicon is indicated with an arrow.