

CBFb antibody - ChIP grade

Cat. No. GTX60333

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	ELISA, ChIP assay
Reactivity	Human

Package

50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ELISA	1:500
ChIP assay	1-10 µl

Not tested in other applications.

Properties

Form	Liquid
Buffer	Serum
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Immunogen	Human CBFb (core-binding factor, beta subunit) using two KLH-conjugated synthetic peptides containing sequences from the central region of the protein.
Purification	Unpurified
Conjugation	Unconjugated

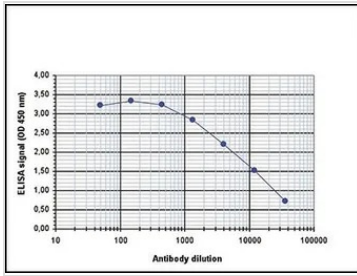
Note

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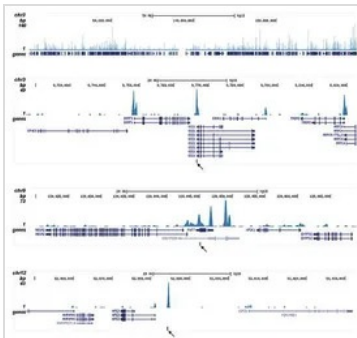
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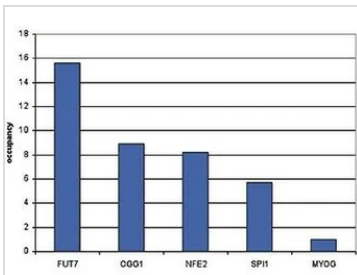
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DATA IMAGES

GTx60333 ELISA Image

ELISA analysis of peptides used for immunization using GTx60333 CBFb antibody - ChIP grade.


GTx60333 ChIP assay Image

ChIP analysis of SKNO-1 cells using GTx60333 CBFb antibody - ChIP grade. The IP'd DNA from 6 ChIP's was pooled and analysed with an Illumina Genome Analyzer. Library preparation, cluster generation and sequencing were performed according to the manufacturer's instructions. The 32 bp tags were aligned to the human reference genome (hg18) using the ELAND algorithm. Figure 2 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.


GTx60333 ChIP assay Image

ChIP analysis of sheared chromatin from 1.25×10^6 SKNO-1 cells using GTx60333 CBFb antibody - ChIP grade. QPCR was performed using primers specific for the FUT7, OGG1, NFE2, and SPI1 genes. This figure shows the relative occupancy, calculated as the ratio + control/background for which the MYOG gene was used.

Antibody amount : 4 μ l



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