Datasheet for ABIN5773892

anti-SAP30 antibody (His tag)

3 Images

Go to Product page

Overview

Quantity:	50 µg
Target:	SAP30
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAP30 antibody is conjugated to His tag
Application:	Western Blotting (WB), ChIP DNA-Sequencing (ChIP-seq), Chromatin Immunoprecipitation (ChIP)

Product Details

Purpose:	Rabbit polyclonal antibody raised against recombinant SAP30.
Immunogen:	Recombinant His-tag fusion protein corresponding to human SAP30.
Cross-Reactivity:	Human

Target Details

Target:	SAP30
Alternative Name:	SAP30 (SAP30 Products)
Background:	Full Gene Name: Sin3A-associated protein, 30 kDa
Gene ID:	8819

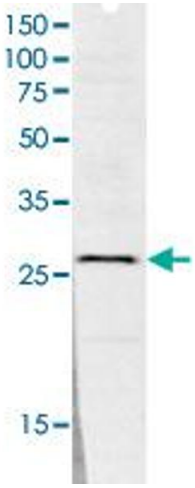
Application Details

Application Notes:	Western Blot (1:1000) ChIP (2-5 µg/CHIP) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (0.05 % sodium azide, 0.05 % proclin 300).
Preservative:	ProClin, Sodium azide
Precaution of Use:	This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES 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



Western Blotting

Image 1. Western Blot (Cell lysate) analysis of 20 ug nuclear extracts of HeLa cells.

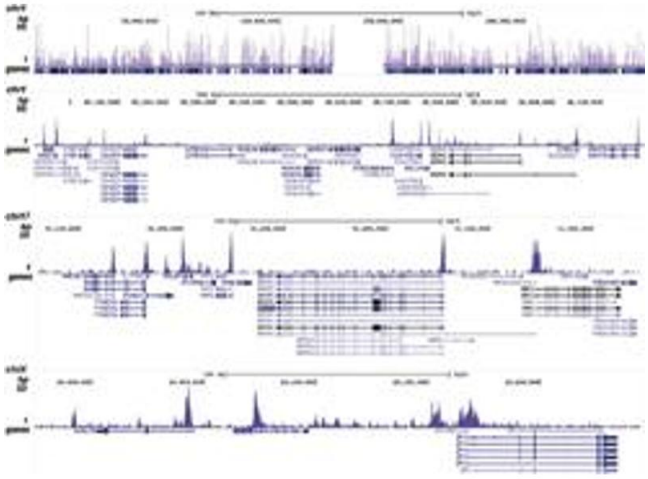


Image 2. ChIP was performed on sheared chromatin from 4 million HeLa cells using 5 ug antibody. The figure shows the enrichment along the complete sequence and a 1.5 Mb region of human chromosome 1 and in two genomic regions surrounding the BRCA1 and EIF2S3 genes on chromosome 17 and X.

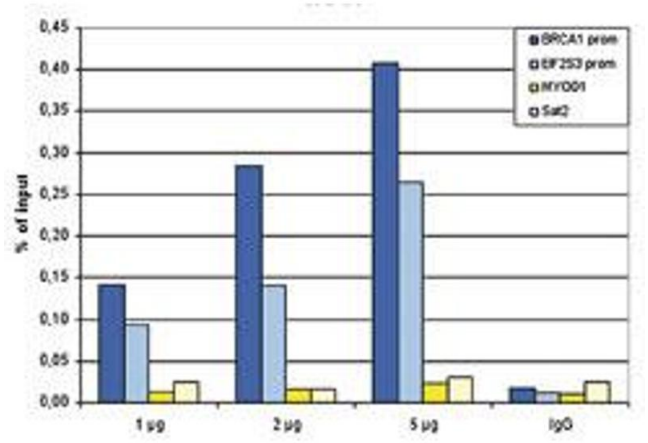


Image 3. ChIP assays were performed using HeLa cells. A titration of the antibody consisting of 1, 2 and 5 ug per ChIP experiment was analysed. IgG (1 ug/ IP) was used as negative IP control. QPCR was performed with primers for the EIF2S3 and BRCA1 promoters, used as positive controls, and for the MYOD1 gene and the Sat2 satellite repeat, used as negative controls. The figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).