

CBX8 polyclonal antibody

Catalog: BS7971

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Polycomb group (PcG) proteins form multiprotein complexes and play a role in gene silencing and Hox gene regulation by altering chromatin structure during transcription. The PcG protein MPC3 is also known as CBX8, PC3, HPc3 or RC1. MPC2 and MPC3 are PcG proteins that show structural similarity to M33 and, like M33, bind the PcG protein RING1 through a conserved c-box motif located in the C-terminus of RING1. However, MPC3 has only been shown to bind RING1 in vivo with covalently modified forms of RING1. MPC3 also interacts with the carboxy-terminus of AF9, a transcriptional activator implicated in the development of acute leukemias. MPC3 acts as a long range transcriptional silencer when targeted to a reporter gene by a heterologous DNA-binding domain. The human MPC3 gene maps to chromosome 17q25.3 and encodes a 389 amino acid protein.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 50 kDa

Swiss-Prot:

Q9HC52

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum

by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:10 - 1:100

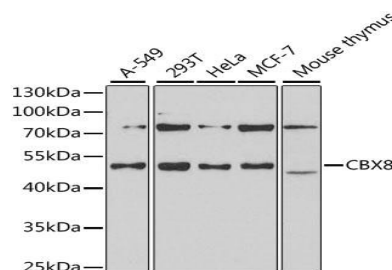
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CBX8 polyclonal antibody detects endogenous levels of CBX8 protein.

DATA:



WesternBlot (WB) analysis of CBX8 polyclonal antibody

Note:

For research use only, not for use in diagnostic procedure.

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