abcam

Product datasheet

Anti-cbx2 antibody ab57890

1 图像

概述

产品名称	Anti-cbx2抗体
描述	小鼠单克隆抗体to cbx2
宿主	Mouse
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human
免疫原	Recombinant fragment: EVQNRKRGKR PRGRPRKLTA MSSCSRRSKL KVGGCAGYAD PTSQHPLGVG GRQREGLGPS GRGWHFCQQS VPLLGKQEPP FFLSLSFCCQ GPQPAESSSP , corresponding to amino acids 66-166 of Human cbx2 Run BLAST with ExPASy Run BLAST with NCBI

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee Abpromise™承诺保证使用ab57890于以下的经测试应用

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明

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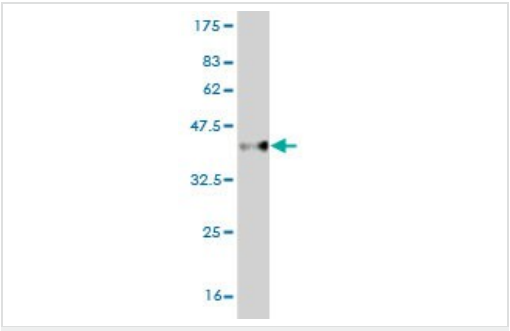
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

靶标

功能	Component of the Polycomb group (PcG) multiprotein PRC1 complex, a complex required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility. Involved in sexual development, acting as activator of NR5A1 expression.
疾病相关	Defects in CBX2 are the cause of 46,XY sex reversal type 5 (SRXY5) [MIM:613080]. It is a disorder of sex development. Affected individuals have a 46,XY karyotype but present as phenotypically normal females.
序列相似性	Contains 1 A.T hook DNA-binding domain. Contains 1 chromo domain.
细胞定位	Nucleus.

图片



Western blot - Anti-cbx2 antibody (ab57890)

Western blot against tagged recombinant protein immunogen using ab57890 cbx2 antibody at 1ug/ml. Predicted band size of immunogen is 37 kDa

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