

产品名称: CTCF Mouse Monoclonal Antibody
产品货号: AMM80935



产品概述 (Summary)

产品名称 (Production Name)	CTCF Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CTCF
别名 (Alternative Names)	CTCF
基因 ID (Gene ID)	10664.0
蛋白 ID (SwissProt ID)	P49711 .Purified recombinant fragment of human CTCF expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	83kDa

研究背景 (Background)

This gene is a member of the BORIS + CTCF gene family and encodes a transcriptional regulator protein with 11 highly conserved zinc finger (ZF) domains. This nuclear protein is able to use different combinations of the ZF domains to bind

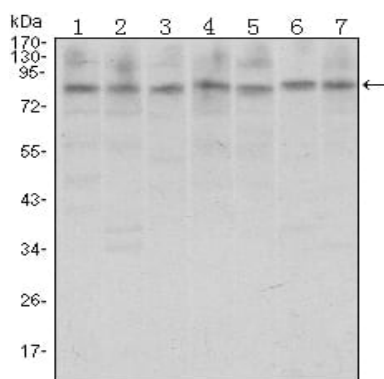
产品名称: CTCF Mouse Monoclonal Antibody
产品货号: AMM80935



different DNA target sequences and proteins. Depending upon the context of the site, the protein can bind a histone acetyltransferase (HAT)-containing complex and function as a transcriptional activator or bind a histone deacetylase (HDAC)-containing complex and function as a transcriptional repressor. If the protein is bound to a transcriptional insulator element, it can block communication between enhancers and upstream promoters, thereby regulating imprinted expression. Mutations in this gene have been associated with invasive breast cancers, prostate cancers, and Wilms' tumors. Tissue specificity: Ubiquitous. Absent in primary spermatocytes.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis using CTCF mouse mAb against A31 (1), MCF-7 (2), Hela (3), HCT116 (4), Jurkat (5), NIH/3T3 (6), and Cos7 (7) cell lysate.

注意事项 (Note)

For research use only .