

CTCF Rabbit pAb

货号: B25158

产品信息

反应	Human,Mouse,Rat,Monkey
宿主	Rabbit
克隆性	Polyclonal
预测反应	HiChIP: Mus musculus CHIP-PET: Drosophila WB: Homo sapiens,Mus musculus IF: Mus musculus ChIP-seq: Homo sapiens ChIP: Mus musculus , Homo sapiens
应用	WB IHC IF/ICC IP ChIP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:100 - 1:500 ChIP: 1:50 - 1:200
理论分子量	45kDa/82kDa
实测分子量	140KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,SH-SY5Y,NIH/3T3
细胞定位	Chromosome,Nucleus,centromere,nucleoplasm
纯化	Affinity purification

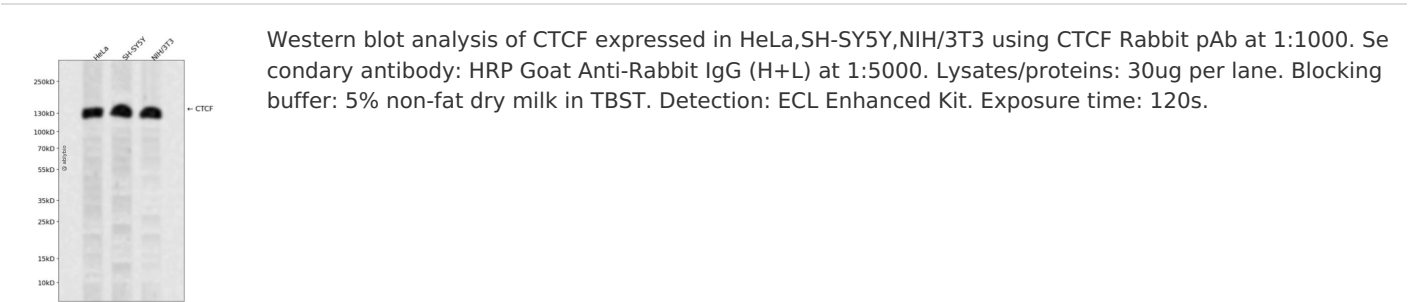
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human CTCF (NP_006556.1).
序列	MEGDAVEAIVEESETFIKGKERKTYQRRREGGQEEDACHLPQNQTDGGEVVQDVNSSVQMVMMEQLDPTLLQMKTEVM EGTVAPEAAEAADDQTIIITLQVVMEEQPINIGELQLVQVPVPVTPVATTVEELQGAYENEVSKEGLAESEPMICHTLPLP EGFQVVKVGANGEVETLEQGELPPQEDPSWQKDPDYQPPAKKTKKTKKSKLRYTEEGKDVDVSVYDFEEEQQEGLLSEV NAEKVVGNMKPPKPTKIKKK

靶点信息

研究背景	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 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
基因ID	10664
基因名	CTCF
Swiss	P49711
别名	CTCF;MRD21;CTCF

产品验证



实验步骤

访问官网浏览详情: www.ablybio.cn