

ZBTB7A Rabbit mAb

货号: **AYM31132**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:20 - 1:50
理论分子量	70kDa
实测分子量	70kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HT-29,MCF7
细胞定位	cytoplasm,nucleus
纯化	Affinity purification

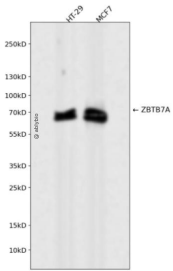
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ZBTB7A.
序列	NYDLKNHMRVHTGLRPYQCDSCKTFVRSDDLHRLKKGDCNGVPSRRGRKPRVRGGAPDPSPGATATPGAPAQPSSP DARRNGQEKFHFKDEDEDEDVASP

靶点信息

研究背景	Transcription factor that represses the transcription of a wide range of genes involved in cell proliferation and differentiation. Directly and specifically binds to the consensus sequence 5'-[GA][CA]GACCCCCCCC-3' and represses transcription both by regulating the organization of chromatin and through the direct recruitment of transcription factors to gene regulatory regions. Negatively regulates SMAD4 transcriptional activity in the TGF-beta signaling pathway through these two mechanisms. That is, recruits the chromatin regulator HDAC1 to the SMAD4-DNA complex and in parallel prevents the recruitment of the transcriptional activators CREBBP and EP300. Collaborates with transcription factors like RELA to modify the accessibility of gene transcription regulatory regions to secondary transcription factors (By similarity). Also directly interacts with transcription factors like SP1 to prevent their binding to DNA. Functions as an androgen receptor/AR transcriptional corepressor by recruiting NCOR1 and NCOR2 to the androgen response elements/ARE on target genes. Thereby, negatively regulates androgen receptor signaling and androgen-induced cell proliferation.
基因ID	51341
基因名	ZBTB7A
Swiss	O95365
别名	FBI-1; FBI1; LRF; TIP21; ZBTB7; ZNF857A; pokemon

产品验证



Western blot analysis of ZBTB7A expressed in HT-29, MCF7 using ZBTB7A Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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