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# CBF $\beta$ Antibody

货号: **AYP5263**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF:</b> 1:50 - 1:200
理论分子量	21kDa
实测分子量	
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	THP-1,BT-474,22Rv1,Mouse thymus
细胞定位	Nucleus
纯化	Affinity purification

## 抗原信息

抗原信息	Synthesized peptide derived from Human CBF $\beta$ .
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## 靶点信息

研究背景	The protein encoded by this gene is the beta subunit of a heterodimeric core-binding transcription factor belonging to the PEBP2/CBF transcription factor family which master-regulates a host of genes specific to hematopoiesis (e.g., RUNX1) and osteogenesis (e.g., RUNX2). The beta subunit is a non-DNA binding regulatory subunit; it allosterically enhances DNA binding by alpha subunit as the complex binds to the core site of various enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers and GM-CSF promoters. Alternative splicing generates two mRNA variants, each encoding a distinct carboxyl terminus. In some cases, a pericentric inversion of chromosome 16 [inv(16)(p13q22)] produces a chimeric transcript consisting of the N terminus of core-binding factor beta in a fusion with the C-terminal portion of the smooth muscle myosin heavy chain 11. This chromosomal rearrangement is associated with acute myeloid leukemia of the M4Eo subtype. Two transcript variants encoding different isoforms have been found for this gene.
基因ID	865
基因名	CBFB
Swiss	Q13951 ( <a href="https://www.uniprot.org/uniprotkb/Q13951/entry">https://www.uniprot.org/uniprotkb/Q13951/entry</a> )
别名	CBFB,PEBP2B,CBF $\beta$ Antibody,Polyomavirus enhancer-binding protein 2 beta subunit,SL3-3 enhancer factor 1 subunit beta,SL3/AKV core-binding factor beta subunit,CBF $\beta$

## 产品验证

## 实验步骤

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