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JTB Rabbit pAb

货号: **AYP19864**

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	13kDa/16kDa
实测分子量	16kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7,NCI-H460,A375,Rat spleen,Rat thymus
细胞定位	Cytoplasm,Membrane,Mitochondrion,Single-pass type I membrane protein,centrosome,cytoskeleton,microtubule organizing center,spindle
纯化	Affinity purification

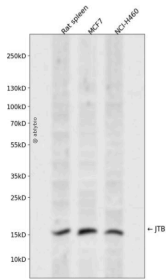
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 31-105 of human JTB (NP_006685.1).
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靶点信息

研究背景	Required for normal cytokinesis during mitosis. Plays a role in the regulation of cell proliferation. May be a component of the chromosomal passenger complex (CPC, a complex that acts as a key regulator of mitosis). The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. Increases AURKB activity. Inhibits apoptosis induced by TGF β 1 (By similarity). Overexpression induces swelling of mitochondria and reduces mitochondrial membrane potential (By similarity).
基因ID	10899
基因名	JTB
Swiss	O76095 (https://www.uniprot.org/uniprotkb/O76095/entry)
别名	JTB,HJTB,HSPC222,PAR,hJT,JTB Rabbit pAb,Jumping translocation breakpoint protein,Prostate androgen-regulated protein

产品验证



Western blot analysis of JTB expressed in Rat spleen, MCF7, NCI-H460 using JTB Rabbit pAb 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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