

## JTB Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04713
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human JTB. AA range:10-59
<b>Mol wt</b>	16358
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	JTB Antibody
<b>Synonyms</b>	JTB; HSPC222; Protein JTB; Jumping translocation breakpoint protein; Prostate androgen-regulated protein; PAR protein

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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 TGFBI (By similarity). Overexpression induces swelling of mitochondria and reduces mitochondrial membrane potential.

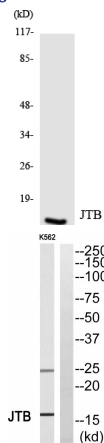
### Recommended Dilution

WB: 1: 500 - 1: 2000

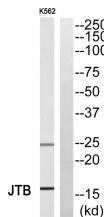
ELISA: 1: 5000

Not yet tested in other applications.

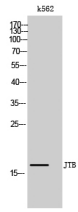
### Images



Western blot analysis of the lysates from HUVEC cells using JTB antibody.



Western blot analysis of JTB Antibody. The lane on the right is blocked with the JTB peptide.



## Western Blot analysis of k562 cells using JTB Polyclonal Antibody

### Storage

-20°C for one year

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