

JTB Polyclonal Antibody

Catalog # AP70627

Product Information

Application	WB, IHC-P
Primary Accession	O76095
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16358

Additional Information

Gene ID	10899
Other Names	JTB; HSPC222; Protein JTB; Jumping translocation breakpoint protein; Prostate androgen-regulated protein; PAR protein
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

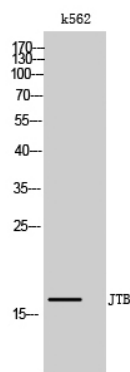
Name	JTB
Function	Required for normal cytokinesis during mitosis. Plays a role in the regulation of cell proliferation. May be a component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. Increases AURKB activity. Inhibits apoptosis induced by TGFB1 (By similarity). Overexpression induces swelling of mitochondria and reduces mitochondrial membrane potential (By similarity).
Cellular Location	Membrane; Single-pass type I membrane protein. Mitochondrion. Cytoplasm Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Cytoplasm, cytoskeleton, spindle. Note=Detected at the centrosome and along spindle fibers during prophase and metaphase. Detected at the midbody during telophase
Tissue Location	Ubiquitous. Expressed in all normal human tissues studied but overexpressed

or underexpressed in many of their malignant counterparts.

Background

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Images



Western Blot analysis of k562 cells using JTB Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.