

Rabbit JTB Polyclonal Antibody | anti-JTB antibody

JTB Antibody

CATALOG # AAA327589	HOST Rabbit	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

JTB; Polyclonal Antibody; JTB Antibody; hJT; HJTB; HSPC222; JTB_HUMAN; Jumping translocation breakpoint; Jumping translocation breakpoint protein; OTTHUMP00000034759; PAR; PAR protein; Prostate androgen regulated protein; Prostate androgen-regulated protein; Protein JTB; anti-JTB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	JTB Antibody detects endogenous levels of total JTB.
Purity/Purification	Peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-JTB antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human JTB, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of JTB using Jurkat whole cell lysates



IF (Immunofluorescence)

AAA327589 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-JTB antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729889
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NCBI Accession #	NP_006685.1
NCBI GenBank Nucleotide #	NM_006694.3
UniProt Accession #	O76095 ; O95442 ; Q6IB19 ; Q9P0Q4
Molecular Weight	16 kDa
NCBI Official Full Name	protein JTB
NCBI Official Synonym Full Names	jumping translocation breakpoint
NCBI Official Symbol	JTB
NCBI Official Synonym Symbols	PAR; hJT; HJTb; HSPC222
NCBI Protein Information	protein JTB
UniProt Protein Name	Protein JTB
UniProt Gene Name	JTB
UniProt Synonym Gene Names	PAR protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/jtb-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327589>