



Datasheet for ABIN6142668
anti-JTB antibody (AA 31-105)



[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|------------------------------------|
| Quantity: | 100 µL |
| Target: | JTB |
| Binding Specificity: | AA 31-105 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This JTB antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 31-105 of human JTB (NP_006685.1). |
| Sequence: | EAPVQEEKLS ASTSNLPCWL VEEFVVAEEC SPCSNFRAKT TPEGPTGYV EKITCSSSKR NEFKSCRSAL MEQRL |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Rat |
| Characteristics: | Polyclonal Antibodies |

Target Details

| | |
|---------|-----|
| Target: | JTB |
|---------|-----|

Target Details

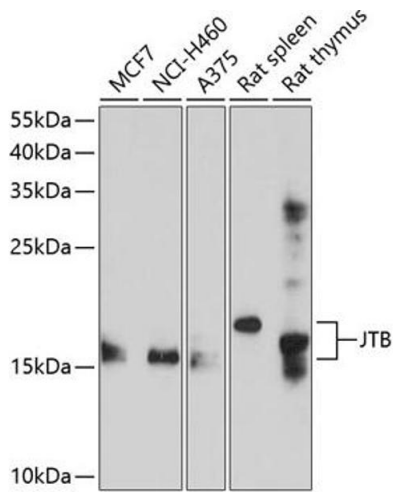
| | |
|-------------------|--|
| Alternative Name: | JTB (JTB Products) |
| Background: | Required for normal cytokinesis during mitosis. Plays a role in the regulation of cell proliferation. May be a component of the chromosomal passenger complex (CPC, a complex that acts as a key regulator of mitosis. 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 TGFB1 (By similarity. Overexpression induces swelling of mitochondria and reduces mitochondrial membrane potential (By similarity.,JTB,HJTB,HSPC222,PAR,hJT,Cell Biology & Developmental Biology,JTB |
| Molecular Weight: | 13 kDa/16 kDa |
| Gene ID: | 10899 |
| UniProt: | 076095 |

Application Details

| | |
|--------------------|-----------------------|
| Application Notes: | WB,1:500 - 1:2000 |
| Comment: | HIGH QUALITY |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using JTB antibody (ABIN6129044, ABIN6142668, ABIN6142669 and ABIN6214676) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.