

**TBCEL Polyclonal Antibody**

Catalog: BS65645

Host: Rabbit

Reactivity: Human, Mouse, Rat,

**BackGround:**

TBCEL is a 424 amino acid cytoplasmic protein that acts as a regulator of tubulin stability. While abundantly expressed in testis, TBCEL is also present in several tissues at a much lower level. TBCEL contains seven LRR (leucine-rich) repeats, one LRRCT domain and one ubiquitin-like domain. The gene that encodes TBCEL consists of 66,704 bases and maps to human chromosome 11q23.3. Chromosome 11 houses over 1,400 genes and comprises nearly 4% of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that map to chromosome 11.

**Product:**

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**Molecular Weight:**

48 kD

**Swiss-Prot:**

Q5QJ74

**Purification&Purity:**

affinity purified by Protein A

**Applications:**

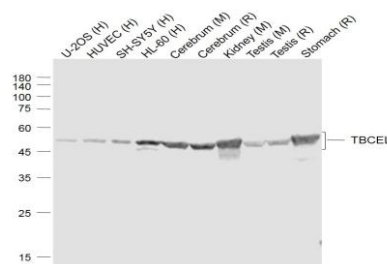
WB=1:500-2000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

TBCEL Polyclonal Antibody detects endogenous levels of TBCEL protein.

**DATA:****Sample:**

- Lane 1: U-2OS (Human) Cell Lysate at 30 ug
  - Lane 2: HUVEC (Human) Cell Lysate at 30 ug
  - Lane 3: SH-SY5Y (Human) Cell Lysate at 30 ug
  - Lane 4: HL-60 (Human) Cell Lysate at 30 ug
  - Lane 5: Cerebrum (Mouse) Lysate at 40 ug
  - Lane 6: Cerebrum (Rat) Lysate at 40 ug
  - Lane 7: Kidney (Mouse) Lysate at 40 ug
  - Lane 8: Testis (Mouse) Lysate at 40 ug
  - Lane 9: Testis (Rat) Lysate at 40 ug
  - Lane 10: Stomach (Rat) Lysate at 40 ug
- Primary: Anti-TBCEL at 1/1000 dilution

**Note:**

For research use only, not for use in diagnostic procedure.

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