



## Rabbit Anti-TBCEL antibody

SL10292R

<b>Product Name:</b>	TBCEL
<b>Chinese Name:</b>	微管蛋白折叠辅助因子E样抗体
<b>Alias:</b>	EL; Leucine-rich repeat-containing protein 35; LRRC35; TBCEL; TBCEL_HUMAN; Tubulin folding cofactor E-like; Tubulin-specific chaperone cofactor E-like protein.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	48kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human TBCEL:
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.

**Function:**

Acts as a regulator of tubulin stability.

**Subcellular Location:**

Cytoplasm > cytoskeleton.

**Tissue Specificity:**

Abundantly expressed in testis, but is also present in several tissues at a much lower level.

**Similarity:**

Contains 7 LRR (leucine-rich) repeats.

Contains 1 LRRCT domain.

Contains 1 ubiquitin-like domain.

**SWISS:**

Q5QJ74

**Gene ID:**

219899

**Database links:**

[Entrez Gene: 219899](#) Human

[Omim: 610451](#) Human

[SwissProt: Q5QJ74](#) Human

[Unigene: 504136](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.