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# TBCEL Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12428b

## Product Information

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|---|---|
| **Application** | WB, IHC-P, E |
| **Primary Accession** | Q5QJ74 |
| **Other Accession** | Q5PQJ7, Q8C5W3, NP_689928.3, NP_001123519.1 |
| **Reactivity** | Human |
| **Predicted** | Mouse, Rat, Bovine, Canine, Rabbit, Chicken |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB27388 |
| **Calculated MW** | 48195 |
| **Antigen Region** | 385-413 |

## Additional Information

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| **Gene ID** | 219899 |
| **Other Names** | Tubulin-specific chaperone cofactor E-like protein, EL, Leucine-rich repeat-containing protein 35, TBCEL, LRRC35 |
| **Target/Specificity** | This TBCEL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 385-413 amino acids from the C-terminal region of human TBCEL. |
| **Dilution** | WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | TBCEL Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | TBCEL |
| **Synonyms** | LRRC35 |

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| **Function** | Acts as a regulator of tubulin stability. |
| **Cellular Location** | Cytoplasm, cytoskeleton. |
| **Tissue Location** | Abundantly expressed in testis, but is also present in several tissues at a much lower level |

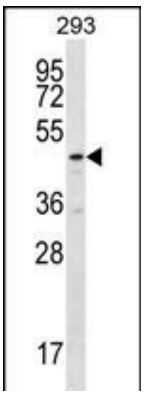
## Background

TBCEL acts as a regulator of tubulin stability.

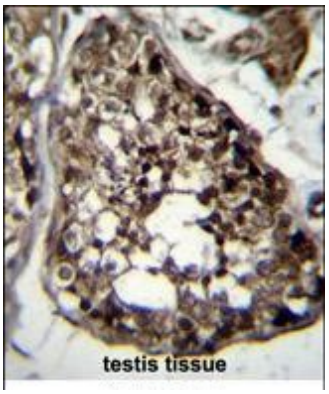
## References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Sellin, M.E., et al. Exp. Cell Res. 314(6):1367-1377(2008)
Bartolini, F., et al. J. Cell. Sci. 118 (PT 6), 1197-1207 (2005) :

## Images




TBCEL Antibody (C-term) (Cat. #AP12428b) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the TBCEL antibody detected the TBCEL protein (arrow).




TBCEL Antibody (C-term) (Cat. #AP12428b)immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TBCEL Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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