

For Research Use Only

# TEKT2 Recombinant monoclonal antibody

Catalog Number:87634-1-RR



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>87634-1-RR       | <b>GenBank Accession Number:</b><br>BC035620 | <b>Purification Method:</b><br>Protein A purification |
| <b>Source:</b><br>Rabbit                   | <b>GeneID (NCBI):</b><br>27285               | <b>CloneNo.:</b><br>252977C1                          |
| <b>Isotype:</b><br>IgG                     | <b>UNIPROT ID:</b><br>Q9UIF3                 | <b>Recommended Dilutions:</b><br>WB: 1:5000-1:50000   |
| <b>Immunogen Catalog Number:</b><br>AG4457 | <b>Full Name:</b><br>tektin 2 (testicular)   |   |
|  | <b>Calculated MW:</b><br>430 aa, 50 kDa      |   |
|  | <b>Observed MW:</b><br>54 kDa                |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>WB, ELISA         | <b>Positive Controls:</b><br>WB : mouse testis tissue, rat testis tissue, human testis tissue, mouse ovary tissue |
| <b>Species Specificity:</b><br>human, mouse, rat |   |

## Background Information

TEKT2 belongs to the tektin family. Tektins comprise a family of filament-forming proteins that are coassembled with tubulins to form ciliary and flagellar microtubules. TEKT2 and other members of the tektin protein family form filamentous polymers in the walls of ciliary and flagellar microtubules. Western blot analysis of testis showed a TEKT2 protein with an apparent molecular mass of 54 kDa (PMID: 12029069).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

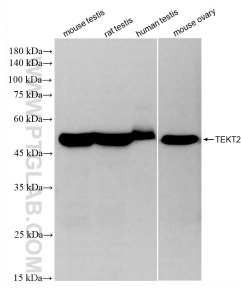
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

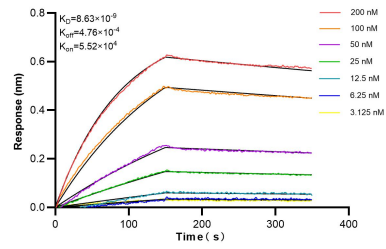
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87634-1-RR (TEKT2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87634-1-RR against Human TEKT2 were performed. The affinity constant is 8.63 nM.