

# Anti-RECQL4 Antibody (C-Terminus)

Rabbit Anti Human Polyclonal Antibody  
Catalog # ALS18433

## Product Information

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|------------------------------|------------------------|
| <b>Application</b>           | WB, IHC-P              |
| <b>Primary Accession</b>     | <a href="#">O94761</a> |
| <b>Predicted</b>             | Human, Mouse, Rat      |
| <b>Host</b>                  | Rabbit                 |
| <b>Clonality</b>             | Polyclonal             |
| <b>Calculated MW</b>         | 133067                 |
| <b>Concentration (mg/ml)</b> | 1 mg/ml                |

## Additional Information

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|-------------------------------------|---|
| <b>Gene ID</b>                      | 9401  |
| <b>Alias Symbol</b>                 | RECQL4  |
| <b>Other Names</b>                  | RECQL4, ATP-dependent DNA helicase Q4, DNA helicase, RecQ-like type 4, RecQ protein-like 4, RTS, RECQ4              |
| <b>Target/Specificity</b>           | Recognizes endogenous levels of RECQL4 protein.   |
| <b>Reconstitution &amp; Storage</b> | Immunoaffinity purified   |
| <b>Precautions</b>                  | Anti-RECQL4 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|--------------------------|--|
| <b>Name</b>              | RECQL4   |
| <b>Synonyms</b>          | RECQ4 {ECO:0000303   PubMed:9878247}   |
| <b>Function</b>          | An ATP-dependent DNA helicase which unwinds dsDNA with a 3'- overhang in a 3'-5' direction (PubMed: <a href="#">28653661</a> ). Does not unwind more than 18 bp of dsDNA (PubMed: <a href="#">28653661</a> ). May modulate chromosome segregation. The N-terminal domain (residues 1-54) binds DNA Y-shaped DNA better than ss- or dsDNA (PubMed: <a href="#">22730300</a> ). The core helicase domain binds ssDNA (PubMed: <a href="#">22730300</a> , PubMed: <a href="#">28653661</a> ). |
| <b>Cellular Location</b> | Cytoplasm. Nucleus   |
| <b>Tissue Location</b>   | Ubiquitously expressed, with highest levels in thymus and testis.  |

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