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# CCYL1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5730a

## Product Information

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|---|---|
| **Application** | WB, IHC-P, E |
| **Primary Accession** | Q8N7R7 |
| **Other Accession** | NP_001135772.1 |
| **Reactivity** | Human, Hamster |
| **Predicted** | Mouse, Rat, Bovine, Canine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB27113 |
| **Calculated MW** | 40705 |
| **Antigen Region** | 41-70 |

## Additional Information

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|---|---|
| **Gene ID** | 151195 |
| **Other Names** | Cyclin-Y-like protein 1, CCNYL1 |
| **Target/Specificity** | This CCYL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 41-70 amino acids from the N-terminal region of human CCYL1. |
| **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** | CCYL1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | CCNYL1 ( HGNC:26868) |
| **Function** | Key regulator of Wnt signaling implicated in various biological processes including male fertility, embryonic neurogenesis and cortex development. Activates the cyclin-dependent kinase CDK16, and promotes sperm |

maturation.

**Cellular Location** Cell membrane.

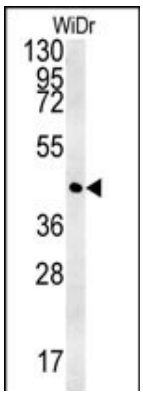
## Background

CCNYL1 belongs to the cyclin family, Cyclin Y subfamily and contains 1 cyclin N terminal domain. The specific function of CCNYL1 is not yet known.

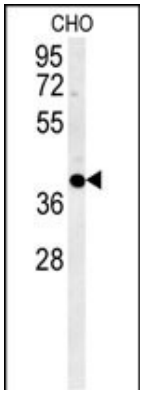
## References

Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)
Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)

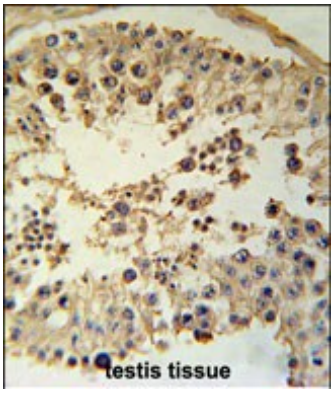
## Images




CCYL1 Antibody (N-term) (Cat. #AP5730a) western blot analysis in WiDr cell line lysates (35ug/lane).This demonstrates the CCYL1 antibody detected the CCYL1 protein (arrow).




CCYL1 Antibody (N-term) (Cat. #AP5730a) western blot analysis in CHO cell line lysates (35ug/lane).This demonstrates the CCYL1 antibody detected the CCYL1 protein (arrow).




CCYL1 Antibody (N-term) (Cat. #AP5730a) 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 the CCYL1 Antibody (N-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'.