

**ROD1 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17726A**

**Specification**

**ROD1 Antibody (N-term) - Product Information**

|                   |   |
|-------------------|---|
| Application       | WB,E  |
| Primary Accession | <a href="#">O95758</a>  |
| Other Accession   | <a href="#">Q9Z118</a> , <a href="#">Q8BHD7</a> , <a href="#">NP_001157262.1</a> ,<br><a href="#">NP_005147.3</a> |
| Reactivity        | Human   |
| Predicted         | Mouse, Rat  |
| Host              | Rabbit  |
| Clonality         | Polyclonal  |
| Isotype           | Rabbit IgG  |
| Calculated MW     | 59690   |
| Antigen Region    | 253-279   |

**ROD1 Antibody (N-term) - Additional Information**

**Gene ID 9991**

**Other Names**

Polypyrimidine tract-binding protein 3, Regulator of differentiation 1, Rod1, PTBP3, ROD1

**Target/Specificity**

This ROD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 253-279 amino acids from the N-terminal region of human ROD1.

**Dilution**

WB~~1:1000

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**

ROD1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ROD1 Antibody (N-term) - Protein Information**

**Name PTBP3**

## Synonyms ROD1

**Function** RNA-binding protein that mediates pre-mRNA alternative splicing regulation. Plays a role in the regulation of cell proliferation, differentiation and migration. Positive regulator of EPO-dependent erythropoiesis. Participates in cell differentiation regulation by repressing tissue-specific exons. Promotes FAS exon 6 skipping. Binds RNA, preferentially to both poly(G) and poly(U).

## Tissue Location

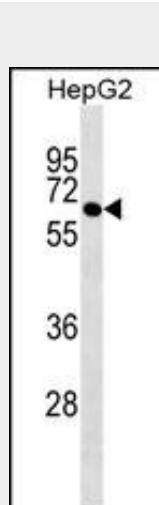
Expressed in several hematopoietic cell lines examined.

## ROD1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## ROD1 Antibody (N-term) - Images



ROD1 Antibody (N-term) (Cat. #AP17726a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the ROD1 antibody detected the ROD1 protein (arrow).

## ROD1 Antibody (N-term) - Background

ROD1 is a functional homolog of *rnd1*, an *S. pombe* RNA-binding protein that suppresses the onset of differentiation.

## ROD1 Antibody (N-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :  
Sadvakassova, G., et al. J. Cell. Physiol. 220(3):672-679(2009)  
Yamamoto, H., et al. Mol. Cell. Biol. 19(5):3829-3841(1999)