

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

ROD1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O95758
Other Accession	O9Z118 , O8BHD7 , NP_001157262.1 , NP_005147.3
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

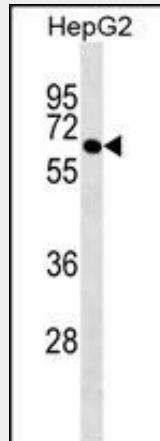
Expressed in several hematopoietic cell lines examined.

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 nrd1, 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)