

ROD1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17726a**Specification**

ROD1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [O95758](#)

ROD1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 9991

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ROD1 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ROD1 Antibody (N-term) Blocking Peptide - Images

ROD1 Antibody (N-term) Blocking Peptide - Background

ROD1 is a functional homolog of nrd1, an *S. pombe* RNA-binding protein that suppresses the onset of differentiation.

ROD1 Antibody (N-term) Blocking Peptide - 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)