

**TBPL1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19449c****Specification**

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**TBPL1 Antibody (Center) Blocking Peptide - Product Information****TBPL1 Antibody (Center) Blocking Peptide - Additional Information****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.

**TBPL1 Antibody (Center) Blocking Peptide - Protein Information****TBPL1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**TBPL1 Antibody (Center) Blocking Peptide - Images****TBPL1 Antibody (Center) Blocking Peptide - Background**

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes a protein that serves the same function as TBP and substitutes for TBP at some promoters that are not recognized by TFIID. It is essential for spermiogenesis and believed to be important in expression of developmentally regulated genes.

**TBPL1 Antibody (Center) Blocking Peptide - References**

Suenaga, Y., et al. J. Biol. Chem. 284(51):35433-35440(2009) Kuzmin, A., et al. Biol. Reprod. 81(2):319-326(2009) Satoh, J., et al. Neuropathol. Appl. Neurobiol. 35(1):16-35(2009) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Chong, J.A., et al. Mol. Cell. Biol. 25(7):2632-2643(2005)