

TCERG1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17748b**Specification**

TCERG1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O14776](#)**TCERG1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 10915**Other Names**

Transcription elongation regulator 1, TATA box-binding protein-associated factor 2S, Transcription factor CA150, TCERG1, CA150, TAF2S

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.

TCERG1 Antibody (C-term) Blocking Peptide - Protein Information**Name** TCERG1**Synonyms** CA150, TAF2S**Function**

Transcription factor that binds RNA polymerase II and inhibits the elongation of transcripts from target promoters. Regulates transcription elongation in a TATA box-dependent manner. Necessary for TAT-dependent activation of the human immunodeficiency virus type 1 (HIV-1) promoter.

Cellular Location

Nucleus

Tissue Location

Detected in brain neurons.

TCERG1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TCERG1 Antibody (C-term) Blocking Peptide - Images

TCERG1 Antibody (C-term) Blocking Peptide - Background

This gene encodes a nuclear protein that regulates transcriptional elongation and pre-mRNA splicing. The encoded protein interacts with the hyperphosphorylated C-terminal domain of RNA polymerase II via multiple FF domains, and with the pre-mRNA splicing factor SF1 via a WW domain. Alternative splicing results in multiple transcripts encoding different isoforms.

TCERG1 Antibody (C-term) Blocking Peptide - References

Sanchez-Alvarez, M., et al. J. Biol. Chem. 285(20):15220-15233(2010) Koskinen, L.L., et al. Tissue Antigens 74(5):408-416(2009) Murphy, J.M., et al. J. Mol. Biol. 393(2):409-424(2009) Lu, M., et al. J. Mol. Biol. 393(2):397-408(2009) Pearson, J.L., et al. J. Biol. Chem. 283(12):7949-7961(2008)