

TCEAL1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17490a**Specification**

TCEAL1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q15170](#)**TCEAL1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 9338**Other Names**

Transcription elongation factor A protein-like 1, TCEA-like protein 1, Nuclear phosphoprotein p21/SIIR, Transcription elongation factor S-II protein-like 1, TCEAL1, SIIR

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.

TCEAL1 Antibody (N-term) Blocking Peptide - Protein Information**Name** TCEAL1 ([HGNC:11616](#))**Synonyms** SIIR**Function**

May be involved in transcriptional regulation. Modulates various viral and cellular promoters in a promoter context-dependent manner. For example, transcription from the FOS promoter is increased, while Rous sarcoma virus (RSV) long terminal repeat (LTR) promoter activity is repressed. Does not bind DNA directly.

Cellular Location

Nucleus.

Tissue Location

Expressed in all tissues examined. Highly expressed in heart, ovary, prostate and skeletal muscle. Moderately expressed in brain, placenta, testis and small intestine. Weakly expressed in lung, liver and spleen. Expressed in several cancer cell lines

TCEAL1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TCEAL1 Antibody (N-term) Blocking Peptide - Images

TCEAL1 Antibody (N-term) Blocking Peptide - Background

This gene encodes a member of the transcription elongation factor A (SII)-like (TCEAL) gene family. Members of this family may function as nuclear phosphoproteins that modulate transcription in a promoter context-dependent manner. The encoded protein is similar to transcription elongation factor A/transcription factor SII and contains a zinc finger-like motif as well as a sequence related to the transcription factor SII Pol II-binding region. It may exert its effects via protein-protein interactions with other transcriptional regulators rather than via direct binding of DNA. Multiple family members are located on the X chromosome. Alternative splicing results in multiple transcript variants encoding a single isoform.

TCEAL1 Antibody (N-term) Blocking Peptide - References

Chung, C.J., et al. Toxicol. Appl. Pharmacol. 232(2):203-209(2008) Olsen, J.V., et al. Cell 127(3):635-648(2006) Lee, Y.L., et al. J. Lab. Clin. Med. 147(5):228-233(2006) Santos, A.M., et al. Eur. J. Cancer 42(7):958-963(2006) Santos, A.M., et al. Biochem. Biophys. Res. Commun. 340(1):256-262(2006)