

TCF25 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17279a**Specification**

TCF25 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9BQ70](#)**TCF25 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 22980**Other Names**

Transcription factor 25, TCF-25, Nuclear localized protein 1, TCF25, KIAA1049, NULP1

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.

TCF25 Antibody (N-term) Blocking Peptide - Protein Information**Name** TCF25 {ECO:0000303|PubMed:30244831, ECO:0000312|HGNC:HGNC:29181}**Function**

Component of the ribosome quality control complex (RQC), a ribosome-associated complex that mediates ubiquitination and extraction of incompletely synthesized nascent chains for proteasomal degradation (PubMed:30244831). In the RQC complex, required to promote formation of 'Lys-48'-linked polyubiquitin chains during ubiquitination of incompletely synthesized proteins by LTN1 (PubMed:30244831). Also acts as a transcriptional repressor: represses transcription of SRF in vitro and so may play a role in heart development (PubMed:16574069). May play a role in cell death control (By similarity).

Cellular Location

Nucleus. Cytoplasm, cytosol. Note=Mainly nuclear

Tissue Location

In the embryo, widely expressed with highest levels in brain. In the adult, highest expression is found in the heart

TCF25 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TCF25 Antibody (N-term) Blocking Peptide - Images

TCF25 Antibody (N-term) Blocking Peptide - Background

TCF25 is a member of the basic helix-loop-helix (bHLH) family of transcription factors that are important in embryonic development (Steen and Lindholm, 2008 [PubMed 18068114]). [supplied by OMIM].

TCF25 Antibody (N-term) Blocking Peptide - References

Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010) Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010) Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009) Steen, H., et al. Biochem. Biophys. Res. Commun. 366(2):432-437(2008) Cai, Z., et al. Biochem. Biophys. Res. Commun. 343(3):973-981(2006)