

TCF12 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14835a**Specification**

TCF12 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q99081](#)**TCF12 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 6938**Other Names**

Transcription factor 12, TCF-12, Class B basic helix-loop-helix protein 20, bHLHb20, DNA-binding protein HTF4, E-box-binding protein, Transcription factor HTF-4, TCF12, BHLHB20, HEB, HTF4

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.

TCF12 Antibody (N-term) Blocking Peptide - Protein Information**Name** TCF12**Synonyms** BHLHB20, HEB, HTF4**Function**

Transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3') (By similarity). May be involved in the functional network that regulates the development of the GnRH axis (PubMed:32620954).

Cellular Location

Nucleus.

Tissue Location

Expressed in several tissues and cell types including skeletal muscle, thymus, and a B-cell line

TCF12 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TCF12 Antibody (N-term) Blocking Peptide - Images

TCF12 Antibody (N-term) Blocking Peptide - Background

The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH) E-protein family that recognizes the consensus binding site (E-box) CANNTG. This encoded protein is expressed in many tissues, among them skeletal muscle, thymus, B- and T-cells, and may participate in regulating lineage-specific gene expression through the formation of heterodimers with other bHLH E-proteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq].

TCF12 Antibody (N-term) Blocking Peptide - References

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E1000275 (2008) :Kumar, R., et al. J. Biol. Chem. 283(27):19026-19038(2008)