

**TBX20 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17164b****Specification**

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**TBX20 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q9UMR3](#)

**TBX20 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 57057

**Other Names**

T-box transcription factor TBX20, T-box protein 20, TBX20

**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.

**TBX20 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** TBX20

**Function**

Acts as a transcriptional activator and repressor required for cardiac development and may have key roles in the maintenance of functional and structural phenotypes in adult heart.

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00201}.

**TBX20 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**TBX20 Antibody (C-term) Blocking Peptide - Images****TBX20 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a T-box family member. The T-box family members share a common DNA

binding domain, termed the T-box, and they are transcription factors involved in the regulation of developmental processes. This gene is essential for heart development. Mutations in this gene are associated with diverse cardiac pathologies, including defects in septation, valvulogenesis and cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

#### **TBX20 Antibody (C-term) Blocking Peptide - References**

Ichikawa, S., et al. J. Bone Miner. Res. 25(8):1821-1829(2010) Posch, M.G., et al. J. Med. Genet. 47(4):230-235(2010) Macindoe, I., et al. J. Mol. Biol. 389(3):606-618(2009) Liu, C., et al. Eur J Med Genet 51(6):580-587(2008) Hammer, S., et al. J. Cell. Biochem. 104(3):1022-1033(2008)