

**OTX2 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11681b**

**Specification**

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**OTX2 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [P32243](#)

**OTX2 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 5015

**Other Names**

Homeobox protein OTX2, Orthodenticle homolog 2, OTX2

**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.

**OTX2 Antibody (C-term) Blocking peptide - Protein Information**

**Name** OTX2

**Function**

Transcription factor probably involved in the development of the brain and the sense organs. Can bind to the bicoid/BCD target sequence (BTS): 5'-TCTAATCCC-3'.

**Cellular Location**

Nucleus.

**OTX2 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**OTX2 Antibody (C-term) Blocking peptide - Images**

**OTX2 Antibody (C-term) Blocking peptide - Background**

This gene uses alternative splicing to generate two different proteins- high molecular weight

kininogen (HMWK) and lowmolecular weight kininogen (LMWK). HMWK is essential for bloodcoagulation and assembly of the kallikrein-kinin system. Also,bradykinin, a peptide causing numerous physiological effects, isreleased from HMWK. In contrast to HMWK, LMWK is not involved inblood coagulation. Three transcript variants encoding differentisoforms have been found for this gene.

#### **OTX2 Antibody (C-term) Blocking peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Houlihan, L.M., et al. Am. J. Hum. Genet. 86(4):626-631(2010)Khan, M.M., et al. Am. J. Physiol. Heart Circ. Physiol. 298 (2), H652-H658 (2010) :Bellucci, F., et al. Br. J. Pharmacol. 158(8):1996-2004(2009)