

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

Specification

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)