

OTX1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14805c**Specification**

OTX1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P32242](#)

OTX1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 5013

Other Names

Homeobox protein OTX1, Orthodenticle homolog 1, OTX1

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.

OTX1 Antibody (Center) Blocking Peptide - Protein Information

Name OTX1

Function

Probably plays a role in the development of the brain and the sense organs. Can bind to the BCD target sequence (BTS): 5'-TCTAATCCC- 3'.

Cellular Location

Nucleus.

Tissue Location

Expressed in brain. Detected in the anterior part of the neural fetal retina (at protein level)

OTX1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

OTX1 Antibody (Center) Blocking Peptide - Images

OTX1 Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the bicoid sub-family of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and may play a role in brain and sensory organ development. A similar protein in mice is required for proper brain and sensory organ development and can cause epilepsy.

OTX1 Antibody (Center) Blocking Peptide - References

Larsen, K.B., et al. J. Histochem. Cytochem. 58(7):669-678(2010)
Omodei, D., et al. Am. J. Pathol. 175(6):2609-2617(2009)
Eeles, R.A., et al. Nat. Genet. 41(10):1116-1121(2009)
Larsen, K.B., et al. Int. J. Dev. Neurosci. 27(5):485-492(2009)
Xin, X., et al. Genome Res. 19(7):1262-1269(2009)