

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

OTX1 Antibody (Center) Blocking Peptide - Product InformationPrimary 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

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Larsen, K.B., et al. Int. J. Dev. Neurosci. 27(5):485-492(2009)
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