

SOX3 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11445c**Specification**

SOX3 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P41225](#)**SOX3 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 6658**Other Names**

Transcription factor SOX-3, SOX3

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.

SOX3 Antibody (Center) Blocking peptide - Protein Information**Name** SOX3**Function**

Transcription factor required during the formation of the hypothalamo-pituitary axis. May function as a switch in neuronal development. Keeps neural cells undifferentiated by counteracting the activity of proneural proteins and suppresses neuronal differentiation. Required also within the pharyngeal epithelia for craniofacial morphogenesis. Controls a genetic switch in male development. Is necessary for initiating male sex determination by directing the development of supporting cell precursors (pre-Sertoli cells) as Sertoli rather than granulosa cells (By similarity).

Cellular Location

Nucleus.

SOX3 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SOX3 Antibody (Center) Blocking peptide - Images

SOX3 Antibody (Center) Blocking peptide - Background

This gene encodes a member of the SOX (SRY-relatedHMG-box) family of transcription factors involved in the regulationof embryonic development and in the determination of the cell fate.The encoded protein may act as a transcriptional regulator afterforming a protein complex with other proteins. Mutations in thisgene have been associated with X-linked mental retardation withgrowth hormone deficiency.

SOX3 Antibody (Center) Blocking peptide - References

Dateki, S., et al. J. Clin. Endocrinol. Metab. 95(8):4043-4047(2010)Sato, Y., et al. Mol. Cell. Biochem. 337 (1-2), 267-275 (2010) :Mojsin, M., et al. Biochem. J. 425(1):107-116(2010)Bleyl, S.B., et al. Am. J. Med. Genet. A 143A (23), 2785-2795 (2007) :Krstic, A., et al. Arch. Biochem. Biophys. 467(2):163-173(2007)