

SOX8 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16630c**Specification**

SOX8 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P57073](#)**SOX8 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 30812**Other Names**

Transcription factor SOX-8, SOX8

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.

SOX8 Antibody (Center) Blocking Peptide - Protein Information**Name** SOX8 {ECO:0000303|Ref.1, ECO:0000312|HGNC:HGNC:11203}**Function**

Transcription factor that may play a role in central nervous system, limb and facial development. May be involved in male sex determination. Binds the consensus motif 5'-[AT][AT]CAA[AT]G-3' (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267}.

SOX8 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SOX8 Antibody (Center) Blocking Peptide - Images**SOX8 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 activator afterforming a protein complex with other proteins. This protein may beinvolved in brain development and function. Haploinsufficiency forthis protein may contribute to the mental retardation found inhaemoglobin H-related mental retardation (ART-16 syndrome).

SOX8 Antibody (Center) Blocking Peptide - References

Nonaka, D. Am. J. Clin. Pathol. 131(5):731-736(2009)Hoff, S., et al. J. Comp. Neurol. 509(4):356-371(2008)Wissmuller, S., et al. Nucleic Acids Res. 34(6):1735-1744(2006)Schepers, G., et al. J. Biol. Chem. 278(30):28101-28108(2003)Gevaert, K., et al. Nat. Biotechnol. 21(5):566-569(2003)