

**SOX1 Antibody (Center) Blocking Peptide**

Synthetic peptide  
Catalog # BP2758c

**Specification**

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**SOX1 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [O00570](#)

**SOX1 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 6656

**Other Names**

Transcription factor SOX-1, SOX1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2758c](/products/AP2758c) was selected from the Center region of human SOX1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**SOX1 Antibody (Center) Blocking Peptide - Protein Information**

Name SOX1

**Function**

Transcriptional activator. May function as a switch in neuronal development. Keeps neural cells undifferentiated by counteracting the activity of proneural proteins and suppresses neuronal differentiation (By similarity).

**Cellular Location**

Nucleus.

**Tissue Location**

Mainly expressed in the developing central nervous system

## **SOX1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **SOX1 Antibody (Center) Blocking Peptide - Images**

## **SOX1 Antibody (Center) Blocking Peptide - Background**

SOX1 is a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. This protein may act as a transcriptional activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development. [provided by RefSeq]

## **SOX1 Antibody (Center) Blocking Peptide - References**

Malas,S., Mamm. Genome 8 (11), 866-868 (1997)