

SOX1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP2758c**Specification**

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)