

**SP6 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13016c****Specification**

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**SP6 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [Q3SY56](#)

**SP6 Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 80320

**Other Names**

Transcription factor Sp6, Krueppel-like factor 14, SP6, KLF14

**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.

**SP6 Antibody (Center) Blocking peptide - Protein Information**

**Name** SP6

**Synonyms** KLF14

**Function**

Promotes cell proliferation (By similarity). Plays a role in tooth germ growth (By similarity). Plays a role in the control of enamel mineralization. Binds the AMBN promoter (PubMed:<a href="http://www.uniprot.org/citations/32167558" target="\_blank">32167558</a>).

**Cellular Location**

Nucleus.

**Tissue Location**

Ubiquitous.

**SP6 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **SP6 Antibody (Center) Blocking peptide - Images**

#### **SP6 Antibody (Center) Blocking peptide - Background**

SP6 belongs to a family of transcription factors that contain 3 classical zinc finger DNA-binding domains consisting of a zinc atom tetrahedrally coordinated by 2 cysteines and 2 histidines (C2H2 motif). These transcription factors bind to GC-rich sequences and related GT and CACCC boxes (Schohy et al., 2000 [PubMed 11087666]).

#### **SP6 Antibody (Center) Blocking peptide - References**

Nakamura, T., et al. J. Biol. Chem. 279(1):626-634(2004)  
Schohy, S., et al. Genomics 70(1):93-101(2000)