

Sp3 Blocking Peptide
Catalog # PBV10412b**Specification**

Sp3 Blocking Peptide - Product Information

Primary Accession	Q02447
Other Accession	AAH42945
Gene ID	6670
Calculated MW	81925

Sp3 Blocking Peptide - Additional Information**Gene ID** 6670**Application & Usage**

The peptide is used for blocking the antibody activity of Sp3. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C

Other Names

Transcription factor Sp3, SPR-2, SP3

Target/Specificity

Sp3

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Sp3 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Sp3 Blocking Peptide - Protein Information**Name** SP3**Function**

Transcriptional factor that can act as an activator or repressor depending on isoform and/or post-translational modifications. Binds to GT and GC boxes promoter elements. Competes with SP1 for the GC-box promoters. Weak activator of transcription but can activate a number of genes

involved in different processes such as cell-cycle regulation, hormone-induction and house-keeping.

Cellular Location

Nucleus. Nucleus, PML body. Note=Localizes to the nuclear periphery and in nuclear dots when sumoylated. Some localization in PML nuclear bodies

Tissue Location

Ubiquitously expressed.

Sp3 Blocking Peptide - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Sp3 Blocking Peptide - Images