

**SP110 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6675c****Specification**

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**SP110 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9HB58](#)**SP110 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 3431**Other Names**

Sp110 nuclear body protein, Interferon-induced protein 41/75, Speckled 110 kDa, Transcriptional coactivator Sp110, SP110

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6675c](/products/AP6675c) was selected from the Center region of human SP110. 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.

**SP110 Antibody (Center) Blocking Peptide - Protein Information****Name** SP110**Function**

Transcription factor. May be a nuclear hormone receptor coactivator. Enhances transcription of genes with retinoic acid response elements (RARE).

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00185, ECO:0000255|PROSITE-ProRule:PRU00747, ECO:0000269|PubMed:10913195, ECO:0000269|PubMed:25593309}. Note=Found in the nuclear body

**Tissue Location**

Highly expressed in peripheral blood leukocytes and spleen. Detected at intermediate levels in thymus, prostate, testis, ovary, small intestine and colon, and at low levels in heart, brain,

placenta, lung, liver, skeletal muscle, kidney and pancreas

### **SP110 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **SP110 Antibody (Center) Blocking Peptide - Images**

### **SP110 Antibody (Center) Blocking Peptide - Background**

The nuclear body is a multiprotein complex that may have a role in the regulation of gene transcription. SP110 is a member of the SP100/SP140 family of nuclear body proteins and a leukocyte-specific nuclear body component. The protein can function as an activator of gene transcription and may serve as a nuclear hormone receptor coactivator. In addition, it has been suggested that the protein may play a role in ribosome biogenesis and in the induction of myeloid cell differentiation.

### **SP110 Antibody (Center) Blocking Peptide - References**

Babb,C., Hum. Genet. 121 (3-4), 521-522 (2007)Izmailova,E., Nat. Med. 9 (2), 191-197 (2003)