

**ST7 Antibody (C-term) Blocking Peptide**  
Synthetic peptide  
Catalog # BP6251a**Specification**

---

**ST7 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [O9Y561](#)  
Other Accession [NP\\_038465](#)

**ST7 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 29967

**Other Names**

Low-density lipoprotein receptor-related protein 12, LRP-12, Suppressor of tumorigenicity 7 protein, LRP12, ST7

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6251a](/product/products/AP6251a) was selected from the C-term region of human ST7. 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.

**ST7 Antibody (C-term) Blocking Peptide - Protein Information**

Name LRP12

Synonyms ST7

**Function**

Probable receptor, which may be involved in the internalization of lipophilic molecules and/or signal transduction. May act as a tumor suppressor.

**Cellular Location**

Membrane; Single-pass type I membrane protein. Membrane, coated pit

**Tissue Location**

Widely expressed in heart, skeletal muscle, brain, lung, placenta and pancreas, but not in tissues

consisting of a large number of epithelial cells, such as liver and kidney. Expressed at very low levels in a number of tumor-derived cell lines

### **ST7 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **ST7 Antibody (C-term) Blocking Peptide - Images**

### **ST7 Antibody (C-term) Blocking Peptide - Background**

ST7 was identified by its differential expression in cancer cells. The product of this gene is predicted to be a transmembrane protein. The level of this protein was found to be lower in tumor derived cell lines compared to normal cells. This protein has thus been proposed to be a candidate tumor suppressor gene.

### **ST7 Antibody (C-term) Blocking Peptide - References**

Battle, M.A., et al., Biochemistry 42(24):7270-7282 (2003).Qing, J., et al., Oncogene 18(2):335-342 (1999).Kleiderlein, J.J., et al., Hum. Genet. 103(6):666-673 (1998).