

## ST7 Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP6251a

## **Specification**

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

Primary Accession Q9Y561 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 <a href=/product/pr oducts/AP6251a>AP6251a</a> 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

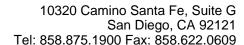
Name LRP12

# 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).





## **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