

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).