

ARSI Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9921b**Specification**

ARSI Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q5FYB1](#)**ARSI Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 340075**Other Names**

Arylsulfatase I, ASI, 316-, ARSI

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.

ARSI Antibody (C-term) Blocking Peptide - Protein Information**Name** ARSI**Function**

Displays arylsulfatase activity at neutral pH, when co- expressed with SUMF1; arylsulfatase activity is measured in the secretion medium of retinal cell line, but no activity is recorded when measured in cell extracts (PubMed:19262745). Lacks arylsulfatase activity (PubMed:16500042).

Cellular Location

Secreted. Endoplasmic reticulum. Note=Localized in the intracellular granular structures

Tissue Location

Expressed in placenta, in embryonic stem cells, fetal eyes and lens.

ARSI Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ARSI Antibody (C-term) Blocking Peptide - Images

ARSI Antibody (C-term) Blocking Peptide - Background

Sulfatases (EC 3.1.5.6), such as ARSI, hydrolyze sulfate esters from sulfated steroids, carbohydrates, proteoglycans, and glycolipids. They are involved in hormone biosynthesis, modulation of cell signaling, and degradation of macromolecules

ARSI Antibody (C-term) Blocking Peptide - References

Oshikawa, M., et al. Mol. Vis. 15, 482-494 (2009) Obaya, A.J. Gene 372, 110-117 (2006) Sardiello, M., et al. Hum. Mol. Genet. 14(21):3203-3217(2005)