

**ARSA Antibody (C-term) Blocking Peptide**

Synthetic peptide  
Catalog # BP7471b

**Specification**

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

Primary Accession [P15289](#)

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

Gene ID 410

**Other Names**

Arylsulfatase A, ASA, Cerebrosidase-sulfatase, Arylsulfatase A component B, Arylsulfatase A component C, ARSA

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7471b](/products/AP7471b) was selected from the C-term region of human ARSA. 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.

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

**Name** ARSA

**Function**

Hydrolyzes cerebroside sulfate.

**Cellular Location**

Endoplasmic reticulum. Lysosome

**ARSA Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

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

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

ARSA hydrolyzes cerebroside sulfate to cerebroside and sulfate. Defects in this protein lead to metachromatic leucodystrophy (MLD), a progressive demyelination disease which results in a variety of neurological symptoms and ultimately death.

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

Stein C., Gieselmann V.J. Biol. Chem. 264:1252-1259(1989) Kreysing J. Eur. J. Biochem. 191:627-631(1990) Fujii T., Kobayashi T. Biochim. Biophys. Acta 1122:93-98(1992) Chen R., Jiang X.J. Proteome Res. 8:651-661(2009) Lukatela G., Krauss N. Biochemistry 37:3654-3664(1998)