

ARSA Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP7471b

Specification

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)