

ARSF Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13247c**Specification**

ARSF Antibody (Center) Blocking peptide - Product Information

Primary Accession [P54793](#)

ARSF Antibody (Center) Blocking peptide - Additional Information

Gene ID 416

Other Names

Arylsulfatase F, ASF, 316-, ARSF

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13247c was selected from the Center region of ARSF. 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.

ARSF Antibody (Center) Blocking peptide - Protein Information

Name ARSF

Function

Exhibits arylsulfatase activity towards the artificial substrate 4-methylumbelliferyl sulfate.

Cellular Location

Secreted.

ARSF Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ARSF Antibody (Center) Blocking peptide - Images

ARSF Antibody (Center) Blocking peptide - Background

This gene is a member of the sulfatase family, and more specifically, the arylsulfatase subfamily. Members of the subfamily share similarity in sequence and splice sites, and are clustered together on chromosome X, suggesting that they are derived from recent gene duplication events. Sulfatases are essential for the correct composition of bone and cartilage matrix. The activity of this protein, unlike that of arylsulfatase E, is not inhibited by warfarin.

ARSF Antibody (Center) Blocking peptide - References

Cao, W., et al. J. Biol. Chem. 273(32):20629-20635(1998) Puca, A.A., et al. Genomics 42(2):192-199(1997) Parenti, G., et al. Curr. Opin. Genet. Dev. 7(3):386-391(1997) Franco, B., et al. Cell 81(1):15-25(1995)