

ARSI Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9921b**Specification**

ARSI Antibody (C-term) - Product Information

Application	WB, FC,E
Primary Accession	Q5FYB1
Other Accession	Q32KI9
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	64030
Antigen Region	454-483

ARSI Antibody (C-term) - Additional Information**Gene ID** 340075**Other Names**

Arylsulfatase I, ASI, 316-, ARSI

Target/Specificity

This ARSI antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-483 amino acids from the C-terminal region of human ARSI.

Dilution

WB~~1:1000

FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ARSI Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ARSI Antibody (C-term) - 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

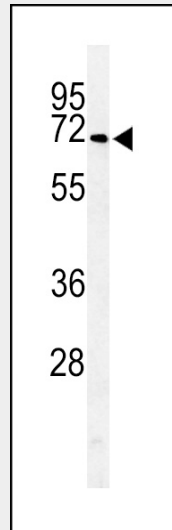
Expressed in placenta, in embryonic stem cells, fetal eyes and lens.

ARSI Antibody (C-term) - Protocols

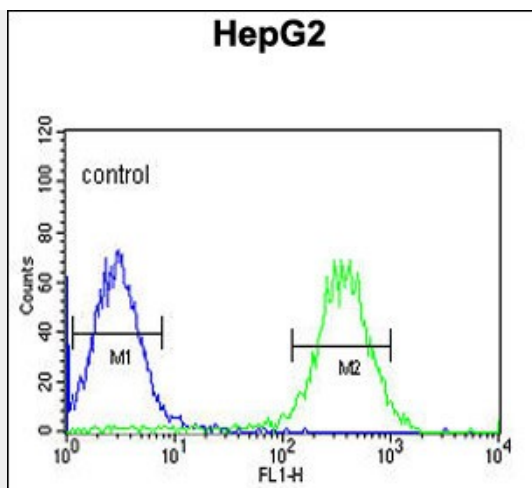
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ARSI Antibody (C-term) - Images



Western blot analysis of ARSI Antibody (C-term) (Cat. #AP9921b) in HepG2 cell line lysates (35ug/lane). ARSI (arrow) was detected using the purified Pab.



ARSI Antibody (C-term) (Cat. #AP9921b) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ARSI Antibody (C-term) - 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) - 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)