Datasheet for ABIN950522

anti-Arylsulfatase I antibody (C-Term)

2 Images

Go to Product page

Overview

Quantity:	0.4 mL
Target:	Arylsulfatase I (ARSI)
Binding Specificity:	AA 461-491, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Arylsulfatase I antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 461~491 amino acids from the C-terminal region of human ARSI
Isotype:	Ig Fraction
Specificity:	This antibody reacts to ARSI.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	Arylsulfatase I (ARSI)
Alternative Name:	Arylsulfatase I (ARSI Products)

Target Details

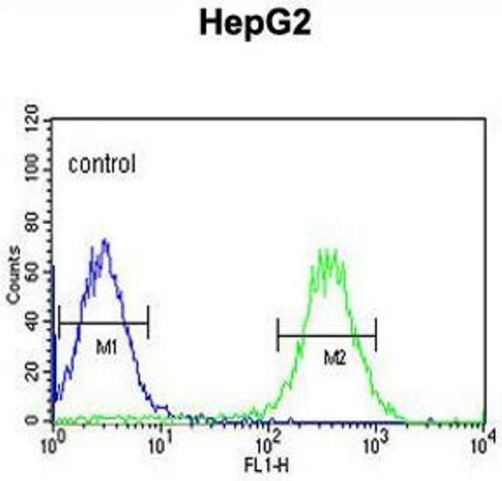
Background:	Sulfatases (EC 3.1.5.6), such as ARSI, hydrolyze sulfate esters from sulfated steroids, carbohydrates, proteoglycans, and glycolipids. They are involved in hormone biosynthesis, modulation of cell signaling, and degradation of macromolecules.Synonyms: ARSI
Gene ID:	340075
NCBI Accession:	NP_001012301

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

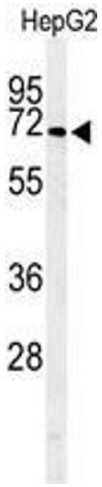
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. ARSI Antibody (C-term) 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.



Western Blotting

Image 2. Western blot analysis of ARSI Antibody (C-term) in HepG2 cell line lysates (35µg/lane). ARSI (arrow) was detected using the purified Pab.