

Datasheet for ABIN6991898

anti-Arylsulfatase B antibody (C-Term)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	Arylsulfatase B (ARSB)
Binding Specificity:	AA 460-510, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Arylsulfatase B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	ARSB antibody was raised against a 16 amino acid peptide near the carboxy terminus of human ARSB. The immunogen is located within amino acids 460 - 510 of ARSB .
Isotype:	IgG
Specificity:	ARSB antibody is human, mouse and rat reactive. At least two isoforms of ARSB are known to exist, this antibody only recognizes the longest isoform.
Purification:	ARSB Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Arylsulfatase B (ARSB)
Alternative Name:	ARSB (ARSB Products)

Target Details

Background:	Aryl sulfatase B (ARSB) forms a homodimer that hydrolyzes sulfate groups of N-Acetyl-D-galactosamine, chondroitin sulfate, and dermatan sulfate (1). ARSB localizes to the lysosome as well as to the extracellular matrix (2). Mucopolysaccharidosis type VI is an autosomal recessive lysosomal storage disorder resulting from a deficiency of arylsulfatase B (3), and can be treated with exogenous ARSB (4).
Molecular Weight:	Predicted: 59 kDa Observed: 57kDa
Gene ID:	411
NCBI Accession:	NP_000037
UniProt:	P15848
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	ARSB antibody can be used for detection of ARSB by Western blot at 1 - 2 µg/mL. Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ARSB Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	ARSB antibody can be stored at 4°C for three months and -20°C, stable for up to one year.