

Datasheet for ABIN391670
anti-Arylsulfatase B antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	Arylsulfatase B (ARSB)
Binding Specificity:	AA 464-493, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Arylsulfatase B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ARSB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 464-493 amino acids from the C-terminal region of human ARSB.
Clone:	RB18353
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

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

Target Details

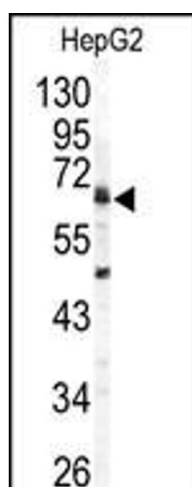
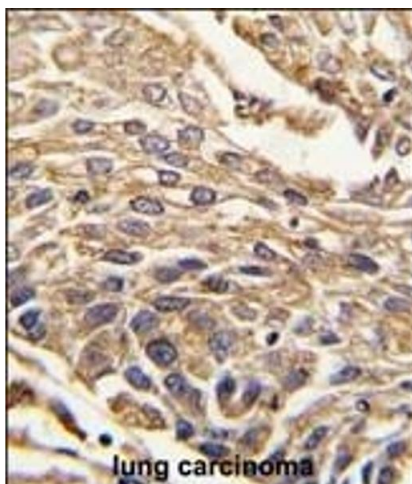
Background:	ARSB belongs to the sulfatase family. The arylsulfatase B homodimer hydrolyzes sulfate groups of N-Acetyl-D-galactosamine, chondroitin sulfate, and dermatan sulfate. The protein is targetted to the lysozyme. Mucopolysaccharidosis type VI is an autosomal recessive lysosomal storage disorder resulting from a deficiency of arylsulfatase B.
Molecular Weight:	59687
Gene ID:	411
NCBI Accession:	NP_000037 , NP_942002
UniProt:	P15848
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with ARSB antibody (C-term) (ABIN391670 and ABIN2841581), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of ARSB antibody (C-term) (ABIN391670 and ABIN2841581) in HepG2 cell line lysates (35 µg/lane). ARSB (arrow) was detected using the purified Pab.