# antibodies .- online.com





## anti-Arylsulfatase B antibody (Internal Region)

2 Images



Go to Product page

#### Overview

Quantity:	100 μg
Target:	Arylsulfatase B (ARSB)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Arylsulfatase B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### **Product Details**

Purpose:	Arylsulfatase B
Immunogen:	C-KLARGHTNGTKPLD
Sequence:	KLARGHTNGT KPLD
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_000037.2, NP_942002.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity
	chromatography using the immunizing peptide.
Grade:	Verified

#### **Target Details**

Target:	Arylsulfatase B (ARSB)
Alternative Name:	ARSB (ARSB Products)
Background:	ARSB, arylsulfatase B, ASB, G4S, MPS6, N-acetylgalactosamine-4-sulfatase
Gene ID:	411
NCBI Accession:	NP_000037, NP_942002

### **Application Details**

Application Notes:	Immunohistochemistry: In paraffin embedded Human Skeletal Muscle shows striated pattern
	staining of majority of muscular fibres. Recommended concentration, 5-10 µg/mL.
	Western Blot: Approx 45 kDa band observed in Human Heart lysates (calculated MW of
	46.0 kDa according to NP_942002.1). Recommended concentration: 0.03-0.1 μg/mL. An
	additional band of unknown identity was also consistently observed at 35 kDa. This band was
	Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

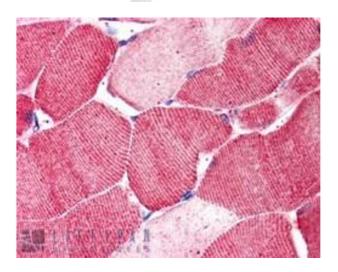
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

#### **Western Blotting**

**Image 1.** ABIN238566 (0.03μg/ml) staining of Human Heart lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



#### **Immunohistochemistry**

**Image 2.** ABIN238566 (5µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.