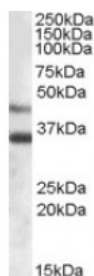


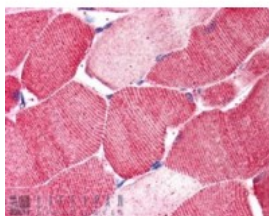


## Arylsulfatase B Antibody

CATALOG NUMBER: 45-296



Western Blot (0.03ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry (5ug/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, IHC-P, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:64000. Western Blot: Approx 45kDa band observed in Human Heart lysates (calculated MW of 46.0kDa according to NP_942002.1). Recommended concentration: 0.03-0.1ug/ml. An additional band of unknown identity was also consistently observed at 35kDa. This band was Immunohistochemistry: In paraffin embedded Human Skeletal Muscle shows striated pattern staining of majority of muscular fibres. Recommended concentration, 5-10ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1301 - Human Heart Tissue Lysate
<b>SPECIFICITY:</b>	This antibody is expected to recognise both reported isoforms (NP_000037.2; NP_942002.1).
<b>IMMUNOGEN:</b>	Arylsulfatase B antibody was raised against a 14 amino acid synthetic peptide near the internal region of Arylsulfatase B.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	Arylsulfatase B antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Arylsulfatase B antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	ARSB, arylsulfatase B, ASB, G4S, MPS6, N-acetylgalactosamine-4-sulfatase
<b>ACCESSION NO.:</b>	NP_000037.2, NP_942002.1

**PROTEIN GI NO.:** 38569405

**OFFICIAL SYMBOL:** ARSB

**GENE ID:** 411

### Background

**REFERENCES:** 1) Bhattacharyya S, Look D, Tobacman JK. Increased arylsulfatase B activity in cystic fibrosis cells following correction of CFTR. Clin Chim Acta. 2007 May 1;380(1-2):122-7. Epub 2007 Feb 1.

**FOR RESEARCH USE ONLY**

December 13, 2016