

Rabbit anti-Human ARSB Polyclonal Antibody | anti-ARSB antibody

ARSB Antibody (Center)

CATALOG # AAA285632	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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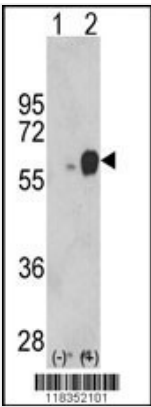
PRODUCT SYNONYMS

ARSB; Polyclonal Antibody; ARSB Antibody (Center); Arylsulfatase B; ASB; N-acetylgalactosamine-4-sulfatase; G4S; anti-ARSB antibody

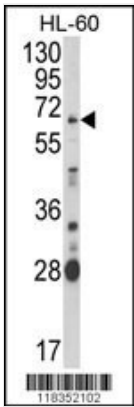
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ARSB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 235-266 amino acids from the Central region of human ARSB.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	235-266
Sequence Length	413
Applicable Applications for anti-ARSB antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of ARSB (arrow) using rabbit polyclonal ARSB Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ARSB gene (Lane 2) (Origene Technologies).



WB (Western Blot)
Western blot analysis of ARSB Antibody (Center) in HL-60 cell line lysates (35ug/lane). ARSB (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ARSB antibody	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 lysosome. Mucopolysaccharidosis type VI is an autosomal recessive lysosomal storage disorder resulting from a deficiency of arylsulfatase B.
Product Categories/Family for anti-ARSB antibody	Cancer; Metabolism
References	Peters C., Schmidt B.J. Biol. Chem. 265:3374-3381(1990) Modaressi S., Rupp K.Biol. Chem. Hoppe-Seyler 374:327-335(1993) Kobayashi T., Honke K.Biochim. Biophys. Acta 1159:243-247(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38569405
NCBI GeneID	411
NCBI Accession #	NP_000037.2; NP_942002.1
NCBI GenBank Nucleotide #	NM_000046.3
UniProt Accession #	P15848; Q8N322; Q9UDI9; B2RC20
Molecular Weight	59687
NCBI Official Full Name	arylsulfatase B isoform 1
NCBI Official Synonym Full Names	arylsulfatase B
NCBI Official Symbol	ARSB
NCBI Official Synonym Symbols	ASB; G4S; MPS6
NCBI Protein Information	arylsulfatase B
UniProt Protein Name	Arylsulfatase B
UniProt Gene Name	ARSB
UniProt Synonym Gene Names	ASB; G4S
UniProt Entry Name	ARSB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/arsb-antibody-western-blot-elisa/285632>