

Goat ARSB / Arylsulfatase B Polyclonal Antibody | anti-ARSB antibody

Goat Polyclonal to Human ARSB / Arylsulfatase B

CATALOG # AAA50862	HOST Goat	REACTIVITY Gibbon, Gorilla, Human, Monkey	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

ARSB / Arylsulfatase B; Polyclonal Antibody; Goat Polyclonal to Human ARSB / Arylsulfatase B; Anti-ARSB / Arylsulfatase B Antibody (Internal) IHC-plus; ARSB; Arylsulfatase B; ASB; G4S; MPS6; Human ARSB; anti-ARSB antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Gibbon, Gorilla, Human, Monkey
Clonality	Polyclonal
Specificity	Human ARSB. This antibody is expected to recognise both reported isoforms (NP_000037.2; NP_942002.1).
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	533
Applicable Applications for anti-ARSB antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-KLARGHTNGTKPLD from an internal region of human ARSB (NP_000037.2; NP_942002.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%); Elephant (93%); Monkey, Bovine, Bat, Cat, Panda, Horse, Chicken (86%).
Immunogen Type	Synthetic peptide
Immunogen	ARSB / Arylsulfatase B antibody was raised against synthetic peptide C-KLARGHTNGTKPLD from an internal region of human ARSB (NP_000037.2; NP_942002.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%); Elephant (93%); Monkey, Bovine, Bat, Cat, Panda, Horse, Chicken (86%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

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



IHC (Immunohistochemistry)

Anti-ARSB antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-ARSB antibody	The arylsulfatase B homodimer hydrolyzes sulfate groups of N-Acetyl-D-galactosamine, chondriotin sulfate, and dermatan sulfate. The protein is targetted to the lysozyme. Defects in this gene cause Maroteaux-Lamy syndrome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38569405
NCBI GeneID	411
NCBI Accession #	NP_000037.2
NCBI GenBank Nucleotide #	NM_000046.3
UniProt Accession #	P15848; Q8N322; Q9UDI9; B2RC20
Molecular Weight	45,996 Da
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; N-acetylglactosamine-4-sulfatase
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arsb-arylsulfatase-b-antibody-western-blot-immunohistochemistry-elisa/50862>