

Rabbit ARSB Polyclonal Antibody | anti-ARSB antibody

ARSB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40760	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

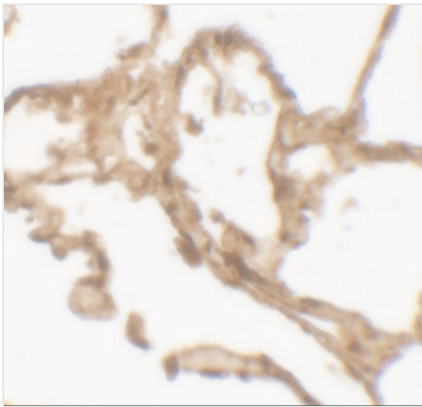
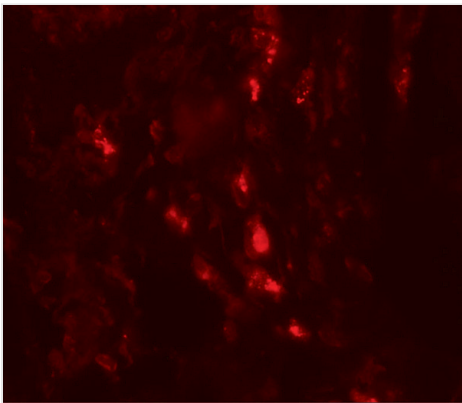
PRODUCT SYNONYMS

ARSB; Polyclonal Antibody; ARSB Antibody; ARSB Antibody : ASB; G4S; MPS6; Arylsulfatase B; N-acetylgalactosamine-4-sulfatase; ASB; arylsulfatase B; anti-ARSB antibody

PRODUCT SPECIFICATIONS

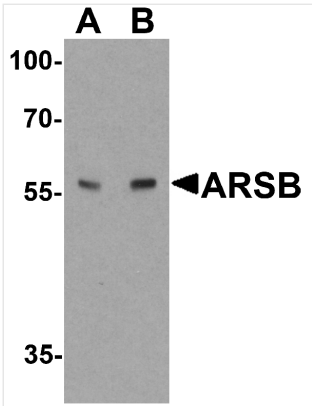
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ARSB antibody is human, mouse and rat reactive. At least two isoforms of ARSB are known to exist; this antibody only recognizes the longest isoform.
Purity/Purification	ARSB Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	533
Applicable Applications for anti-ARSB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ARSB antibody was raised against a 16 amino acid peptide near the carboxy terminus of human ARSB
Buffer	ARSB Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ARSB antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of ARSB in human lung tissue with ARSB antibody at 20 μg/mL.

IHC (Immunohiostchemistry)
Immunohistochemistry of ARSB in human lung tissue with ARSB antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of ARSB in mouse lung tissue lysate with ARSB antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ARSB antibody

Aryl sulfatase B (ARSB) forms a homodimer that hydrolyzes sulfate groups of N-Acetyl-D-galactosamine, chondriotin sulfate, and dermatan sulfate (1). ARSB localizes to the lysozyme as well as to the extracellular matrix (2). Mucopolysaccharidosis type VI is an autosomal recessive lysosomal storage disorder resulting from a deficiency of arylsulfatase B (3), and can be treated with exogenous ARSB (4).

NCBI AND UNIPROT INFORMATION

NCBI GI #	38569405
NCBI GeneID	411
NCBI Accession #	NP_000037
NCBI GenBank Nucleotide #	NM_000046.3
UniProt Accession #	P15848; Q8N322; Q9UDI9; B2RC20
Molecular Weight	Predicted: 59 kDa Observed: 57kDa
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-acetylgalactosamine-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-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40760>