

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

ARSB Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA303125</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

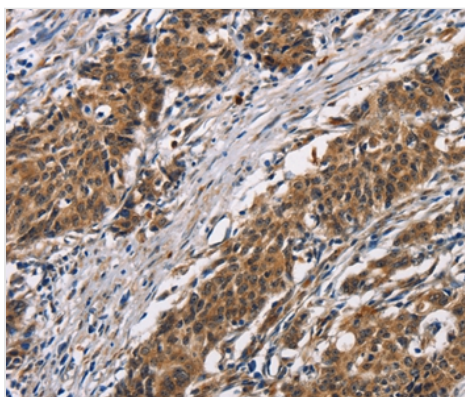
### PRODUCT SYNONYMS

ARSB; Polyclonal Antibody; ARSB Antibody; ASB; G4S; MPS6; anti-ARSB antibody

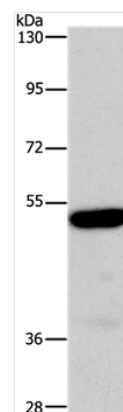
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                              |
| Reactivity                                     | Human                                                                                               |
| Clonality                                      | Polyclonal                                                                                          |
| Specificity                                    | The antibody detects endogenous levels of total ARSB protein.                                       |
| Purity/Purification                            | Antigen affinity purification.                                                                      |
| Form/Format                                    | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                     |
| Concentration                                  | 3.4 mg/ml (varies by lot)                                                                           |
| Sequence Length                                | 533                                                                                                 |
| Applicable Applications for anti-ARSB antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                       |
| Immunogen Type                                 | Peptide                                                                                             |
| Immunogen Description                          | Synthetic peptide corresponding to a region derived from internal residues of human arylsulfatase B |
| Target Name                                    | ARSB                                                                                                |
| Preparation and Storage                        | Store at -20 degree C                                                                               |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using at dilution 1/50.


**Application Data**

Gel: 6%SDS-PAGE Lysates (from left to right): Human fetal liver tissue Amount of lysate: 40ug per lane Primary antibody: 1/340 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 minutes

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ARSB antibody | Arylsulfatase B encoded by this gene 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 lysozyme. Mucopolysaccharidosis type VI is an autosomal recessive lysosomal storage disorder resulting from a deficiency of arylsulfatase B. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. |
| Product Categories/Family for anti-ARSB antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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                |
| UniProt Protein Name             | Arylsulfatase B                |
| UniProt Gene Name                | <b>ARSB</b>                    |
| 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-immunohistochemistry-western-blot-elisa/303125>