# ARSJ Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | ARSJ, Polyclonal Antibody |
| **Full Product Name** | ARSJ Rabbit Polyclonal Antibody |
| **Product Gene Name** | anti-ARSJ antibody |
| **Product Synonym Gene Name** | ARSJ, UNQ372/PRO708 |
| **Product Synonym Names** | BH6842; Arylsulfatase J (ASJ)(EC 3.1.6.-) |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse |
| **Form/Format** | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| **Purity/Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Concentration** | 1mg/ml (lot specific) |
| **Specificity** | ARSJ Polyclonal Antibody detects endogenous levels of protein. |
| **Preparation and Storage** | Store at -20 degree C/1 year |
| **Molecular Weight** | 67,235 Da |
| **Chromosome Location** | Chromosome: 4; NC_000004.11 (114821440..114900878, complement). Location: 4q26 |
| **OMIM** | 610010 |
| **3D Structure** | ModBase 3D Structure for Q5FYB0 |
| **Immunogen** | Synthesized peptide derived from human protein. at AA range: 340-420 |
| **Modification** | Unmodified/Total |
| **Applications Tested/Suitable for anti-ARSJ antibody** | Western Blot (WB), ELISA (EIA) |
| **Application Notes for anti-ARSJ antibody** | WB: 1:500-2000<br>ELISA: 1:5000-20000 |
| **Related Product Information for anti-ARSJ antibody** | Sulfatases (EC 3.1.5.6), such as ARSJ, hydrolyze sulfate esters from sulfated steroids, carbohydrates, proteoglycans, and glycolipids. They are involved in hormone biosynthesis, modulation of cell signaling, and degradation of macromolecules (Sardiello et al., 2005 [PubMed 16174644]).[supplied by OMIM, Mar 2008] |
| **Other Notes** | Small volumes of anti-ARSJ antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for ARSJ purchase** | MBS9513431 is an antibody targeting ARSJ. Also known as ARSJ Rabbit Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARSJ. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 109389362 |
| **NCBI GeneID** | 79642 |
| **NCBI Accession #** | NP_078866.3 |
| **UniProt Primary Accession #** | Q5FYB0 |
| **UniProt Secondary Accession #** | Q1HA39; Q5FWE4; Q6UWT9; A2RUG0; B7ZM45 |
| **UniProt Related Accession #** | Q5FYB0 |
| **GenBank Nucleotide #** | NM_024590.3 |
| **NCBI Official Full Name** | arylsulfatase J |
| **NCBI Official Synonym Full Names** | arylsulfatase family, member J |
| **NCBI Official Symbol** | ARSJ |
| **UniProt Protein Name** | Arylsulfatase J |
| **Protein Family** | Arylsulfatase |
| **UniProt Gene Name** | ARSJ |
| **UniProt Synonym Gene Names** | ASJ |
| **UniProt Entry Name** | ARSJ_HUMAN |
| **NCBI Protein Information** | arylsulfatase J; ASJ |
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