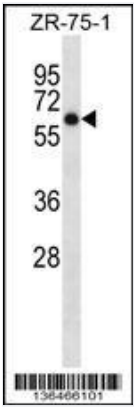
ARSD Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARSD, Polyclonal Antibody
Full Product Name	ARSD, CT (ARSD, Arylsulfatase D) (PE)
Product Gene Name	anti-ARSD antibody
Product Synonym Names	ARSD; Arylsulfatase D
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	64,860 Da
Chromosome Location	Chromosome: X; NC_000023.10 (2822011..2847416, complement). Location: Xp22.3
OMIM	300002
3D Structure	ModBase 3D Structure for P51689
Immunogen	ARSD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 501-532 amino acids from the C-terminal region of human ARSD.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-ARSD antibody	Antibodies; Disease Markers
Applications Tested/Suitable for anti-ARSD antibody	Western Blot (WB), FLISA
Application Notes for anti-ARSD antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-ARSD antibody	The protein encoded by this gene is a member of the sulfatase family. Sulfatases are essential for the correct composition of bone and cartilage matrix. This encoded protein is postranslationally glycosylated and localized to the lysosome. Two transcript variants encoding different isoforms have been found for this gene.
Product References and Citations for anti-ARSD antibody	Urbitsch, P., et al. DNA Cell Biol. 19(12):765-773(2000). Dooley, T.P., et al. Biochem. Biophys. Res. Commun. 277(1):236-245(2000). Meroni, G., et al. Hum. Mol. Genet. 5(4):423-431(1996). Franco, B., et al. Cell 81(1):15-25(1995).

Other Notes	Small volumes of anti-ARSD 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 ARSD purchase	MBS6275412 is an antibody targeting ARSD. Also known as ARSD, CT (ARSD, Arylsulfatase D) (PE). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ARSD antibody
ARSD Antibody (C-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the ARSD antibody detected the ARSD protein (arrow).

ADDITIONAL DETAILS

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

NCBI GI #	71852584
NCBI GeneID	414
NCBI Accession #	NP_001660.2
NCBI Related Accession #	NP_033667.2
UniProt Primary Accession #	P51689
UniProt Secondary Accession #	Q9UHJ8
UniProt Related Accession #	P51689
GenBank Nucleotide #	NM_001669.3
NCBI Official Full Name	arylsulfatase D
NCBI Official Synonym Full Names	arylsulfatase D
NCBI Official Symbol	ARSD
NCBI Official Synonym Symbols	ASD
UniProt Protein Name	Arylsulfatase D
Protein Family	Arsenical resistance operon trans-acting repressor
UniProt Gene Name	ARSD
UniProt Synonym Gene Names	ASD
UniProt Entry Name	ARSD_HUMAN
NCBI Protein Information	arylsulfatase D

NCBI Summary for ARSD	The protein encoded by this gene is a member of the sulfatase family. Sulfatases are essential for the correct composition of bone and cartilage matrix. The encoded protein is postranslationally glycosylated and localized to the lysosome. This gene is located within a cluster of similar arylsulfatase genes on chromosome X. A related pseudogene has been identified in the pseudoautosomal region of chromosome Y. [provided by RefSeq, Jul 2011]
UniProt Comments for ARSD	ARSD: is a member of the sulfatase family. Sulfatases are essential for the correct composition of bone and cartilage matrix. The encoded protein is postranslationally glycosylated and localized to the lysosome. This gene is located within a cluster of similar arylsulfatase genes on chromosome X. A related pseudogene has been identified in the pseudoautosomal region of chromosome Y. [provided by RefSeq, Jul 2011] Protein type: Hydrolase; EC 3.1.6.- Chromosomal Location of Human Ortholog: Xp22.3 Cellular Component: endoplasmic reticulum lumen; lysosome Molecular Function: arylsulfatase activity; metal ion binding Biological Process: sphingolipid metabolic process; cellular protein metabolic process; glycosphingolipid metabolic process; post-translational protein modification
Research Articles on ARSD	**1.** ARSD protein level and IGVH were independently associated with the need for therapy of chronic lymphocytic leukemia patients.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/arsd/6275412