ARSA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARSA, Polyclonal Antibody
Full Product Name	ARSA (Arylsulfatase A, ASA, Cerebroside-sulfatase, Arylsulfatase A Component B, Arylsulfatase A Component C) (MaxLight 750)
Product Gene Name	anti-ARSA antibody
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 MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human ARSA.
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 amo
Immunogen	Full length human ARSA, aa1-507 (AAH14210.2).
Immunogen Sequence	MGAPRSLLLALAAGLAVARPPNIVLIFADDLGYGDLGCYGHPSSTTPNLDQLAAGGLRFTDFYVPVSLCTPSRAALLTGRLPVRMGMYPGVLVPSSRGGL
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-ARSA antibody	Antibodies; Disease Markers
Applications Tested/Suitable for anti-ARSA antibody	Western Blot (WB)
Application Notes for anti-ARSA antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ARSA antibody	ARSA hydrolyzes cerebroside sulfate to cerebroside and sulfate. Defects in this protein lead to metachromatic leucodystrophy (MLD), a progressive de
Other Notes	Small volumes of anti-ARSA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess
Searchable Terms for ARSA purchase	MBS6370406 is an antibody targeting ARSA. Also known as ARSA (Arylsulfatase A, ASA, Cerebroside-sulfatase, Arylsulfatase A Component B, Arylsu

ADDITIONAL DETAILS

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

NCBI GI #	33874702
NCBI GeneID	410
NCBI Accession #	BC014210.2
NCBI Related Accession #	AAH14210.2
UniProt Related Accession #	P15289
NCBI Official Full Name	Homo sapiens arylsulfatase A, mRNA
NCBI Official Synonym Full Names	arylsulfatase A
NCBI Official Symbol	ARSA
NCBI Official Synonym Symbols	ASA; MLD
Protein Family	Arsenical pump-driving ATPase
NCBI Protein Information	arylsulfatase A
NCBI Summary for ARSA	The protein encoded by this gene hydrolyzes cerebroside sulfate to cerebroside and sulfate. Defects in this gene lead to metachromatic leucodystrophy (MLD), a progressive demyelination disease which results in a variety of neurological symptoms and ultimately death. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Dec 2010]
Research Articles on ARSA	**1.** Three novel arylsulfatase A (ARSA) gene mutations p.Asp281Asn, p.Asp283Asn and p.Ala344Asp were described from Sri Lankan patients with metachromatic leukodystrophy (MLD).
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