

Rabbit anti-Human ARSA Monoclonal Antibody | anti-ARSA antibody

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CATALOG # AAA173461	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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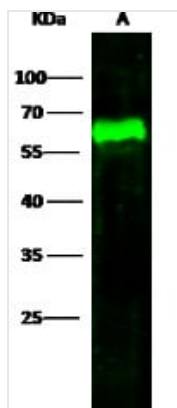
PRODUCT SYNONYMS

ARSA; Monoclonal Antibody; Rabbit anti Human ARSA Monoclonal Antibody; arylsulfatase A; ASA; Cerebroside-sulfatase; anti-ARSA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	0.2 um filtered solution in PBS
Applicable Applications for anti-ARSA antibody	WB (Western Blot)
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Immunogen	Recombinant Human ARSA protein
Preparation and Storage	Store at -20°C, Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HepG2 using ARSA Monoclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-ARSA antibody	Arylsulfatase A (ARSA) is synthesized as a 52kDa lysosomal enzyme. It is a member of the sulfatase family that is required for the lysosomal degradation of cerebroside-3-sulfate, a sphingolipid sulfate ester and a major constituent of the myelin sheet. Arylsulfatase A is activated by a required co- or posttranslational modification with the oxidation of cysteine to formylglycine. It has been shown that within the lysosomes, the ARSA dimers can oligomerize to an octamer in a pH-dependent manner. The ARSA deficiency leads to metachromatic leucodystrophy (MLD), a lysosomal storage disorder associated with severe and progressive demyelination in the central and peripheral nervous system. Additionally, the serum level of arylsulfatase A might be helpful in identification of lung and central nervous system cancer.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47678297
NCBI GeneID	410
UniProt Accession #	P15289; Q6ICI5; Q96CJ0; B2RCA6; B7XD04; F8WCC8
Molecular Weight	Calculated: 54kDa Observed: 60kDa
NCBI Official Full Name	ARSA
NCBI Official Synonym Full Names	arylsulfatase A
NCBI Official Symbol	ARSA
NCBI Official Synonym Symbols	MLD
NCBI Protein Information	arylsulfatase A
UniProt Protein Name	Arylsulfatase A
UniProt Gene Name	ARSA
UniProt Synonym Gene Names	ASA
UniProt Entry Name	ARSA_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.