

# ARSA rabbit monoclonal antibody

Catalog # H00000410-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human ARSA peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human ARSA is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human ARSA peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — ARSA

Entrez GeneID	<a href="#">410</a>
GeneBank Accession#	<a href="#">ARSA</a>
Gene Name	ARSA
Gene Alias	MLD
Gene Description	arylsulfatase A
Omim ID	<a href="#">250100 607574</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. Multiple alternatively spliced transcript variants, one of which encodes a distinct protein, have been described for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000196546 OTTHUMP00000196548

## Pathway

- [Lysosome](#)
- [Sphingolipid metabolism](#)

## Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Down Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)

- [Lead Poisoning](#)
- [Leukodystrophy](#)