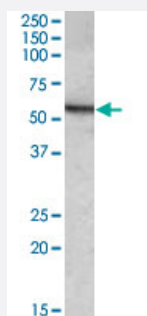


ARSA polyclonal antibody

Catalog # PAB7518

Size 100 ug

Applications



Western Blot (Tissue lysate)

ARSA polyclonal antibody (Cat # PAB7518) (0.5 ug/mL) staining of mouse testis lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ARSA.
Immunogen	A synthetic peptide corresponding to internal region of human ARSA.
Sequence	C-YDLSKDPGENYN
Host	Goat
Theoretical MW (kDa)	53.6
Reactivity	Mouse
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Western Blot (0.5-1.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

ARSA polyclonal antibody (Cat # PAB7518) (0.5 ug/mL) staining of mouse testis lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ARSA

Entrez GeneID[410](#)**Protein Accession#**[NP_000478.2](#)**Gene Name**

ARSA

Gene Alias

MLD

Gene Description

arylsulfatase A

Omim ID[250100 607574](#)**Gene Ontology**[Hyperlink](#)**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

Publication Reference

- [Intracerebral adeno-associated virus-mediated gene transfer in rapidly progressive forms of metachromatic leukodystrophy.](#)

Sevin C, Benraiss A, Van Dam D, Bonnin D, Nagels G, Verot L, Laurendeau I, Vidaud M, Gieselmann V, Vanier M, De Deyn PP, Aubourg P, Cartier N.

Human Molecular Genetics 2006 Jan; 15(1):53.

Application: ELISA, IF, IHC, Mouse, 293T cells, Brain

Pathway

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

Disease

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