

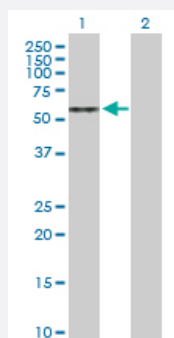
MaxPab®

ARSA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000410-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ARSA expression in transfected 293T cell line ([H00000410-T01](#)) by ARSA MaxPab polyclonal antibody.

Lane 1: ARSA transfected lysate(53.60 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ARSA protein.

Immunogen

ARSA (AAH14210.2, 1 a.a. ~ 507 a.a) full-length human protein.

Sequence

MGAPRSLLLALAAGLAVARPPNIVLIFADDLGYGDLGCYGHPSSTTPNLDQLAAGGLRFTDFYVPV
SLCTPSRAALLTGRLPVRMGMYPGVLVPSSRGGLPLEEVTVAEVLAAARGYLTGMAGKWHLGVG
PEGAFLLPPHQGFHRFLGIPYSHDQGQCQNLTCFPPATPCDGGCDQGLVPIPLLANLSVEAQPPW
LPGLEARYMAFAHDLMAADAQRQDRPFLLYASHHHTYPQFSGQSFAERSGRGPFGDSLMELDA
AVGTLMTAIGDLGLLEETLVIFTADNGPETMRMSRGGCSGLLRGKGTTEGGVREPALAFWPGH
IAPGVTHELASSLDLLPTLAALAGAPLPNVTLDGFDLSPLLLGTGKSPRQSLFFYPSYPDEVGRVF
AVRSGKYKAHFFTQGSASDSTADPACHASSSLTAHEPPLLYDLKDPGENYNLLGGVAGATPE
VLQALKQLQLLKAQLDAAVTFGPSQVARGEDPALQICCHPGCTPRPACCHCPDPHA

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (87); Rat (86)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

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[Protocol Download](#)

Gene Info — ARSA

Entrez GeneID[410](#)**GeneBank Accession#**[BC014210.2](#)**Protein Accession#**[AAH14210.2](#)**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

Pathway

- [Lysosome](#)

- [Sphingolipid metabolism](#)

Disease

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