

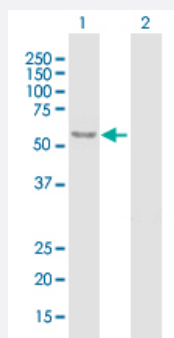
MaxPab®

ARSA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000410-B01P

Size 50 ug

Applications

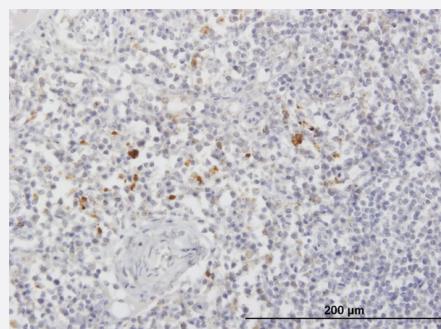


Western Blot (Transfected lysate)

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

Lane 1: ARSA transfected lysate(55.77 kDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to ARSA on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]

Specification

Product Description

Mouse 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

MGAPRSLLLALAAGLAVARPPNVLIFADDLGYGDLGCGYGHPSSTTPNLDQLAAGGLRFTDFYVPV
SLCTPSRAALLTGRLPVRMGMPGVLPSSRGGLPLEEVTVAEVLAAARGYLTGMAGKWHLGVG
PEGAFLPPHQGFHRFLGIPYSHDQGPCQNLTCFPPATPCDGGCDQGLVPIPLLANSVEAQQPW
LPGLEARYMAFAHDLMAADAQRQDRPFLLYASHHTHYPQFSGQSFAERSGRGPFGDLSLMELDA
AVGTLMTAIGDLGLLEETLVIFTADNGPETMRMSRGGSGLLRGCGKGTTEGGVREPALAFWPGH
IAPGVTHELASSDLLPTLAALAGAPLPNVTLTGFDLSPLLLGTGKSPRQSLFFYPSYPDEVGRGVF
AVRSGKYKAHFFTQGSASDHTADPACHASSSLTAHEPPLLYDLSKDPGENYNLLGGVAGATPE
VLQALKQLQLLKAQLDAAVTFGPSQVARGEDPALQICCHPGCTPRPACCHCPDPA

Host	Mouse
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](#)

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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](#)