

Product datasheet

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ARG42653 anti-Arylsulfatase A antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes Arylsulfatase A

Tested Reactivity Hu, Ms
Tested Application WB
Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name Arylsulfatase A

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 210-509 of Human Arylsulfatase A (NP_000478.3).

Conjugation Un-conjugated

Alternate Names ASA; Cerebroside-sulfatase; EC 3.1.6.8; Arylsulfatase A; MLD

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A549 and Mouse testis	

Properties

Observed Size

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

~ 62 kDa

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol ARSA

Gene Full Name arylsulfatase A

Background 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. Alternatively spliced transcript

variants have been described for this gene. [provided by RefSeq, Dec 2010]

Function Hydrolyzes cerebroside sulfate. [UniProt]

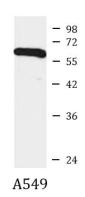
Calculated Mw 54 kDa

PTM The conversion to 3-oxoalanine (also known as C-formylglycine, FGly), of a serine or cysteine residue in

prokaryotes and of a cysteine residue in eukaryotes, is critical for catalytic activity. This post-translational modification is severely defective in multiple sulfatase deficiency (MSD). [UniProt]

Cellular Localization Lysosome. [UniProt]

Images



ARG42653 anti-Arylsulfatase A antibody WB image

Western blot: $25 \,\mu g$ of A549 cell lysate stained with ARG42653 anti-Arylsulfatase A antibody at 1:1000 dilution.



ARG42653 anti-Arylsulfatase A antibody WB image

Western blot: 25 μg of Mouse testis lysate stained with ARG42653 anti-Arylsulfatase A antibody at 1:1000 dilution.

Mouse testis