ARG64339
anti-Arylsulfatase A antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Arylsulfatase A
Tested Reactivity	Hu, Ms
Predict Reactivity	Rat
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Arylsulfatase A
Species	Human
Immunogen	C-YDLSKDPGENYN
Conjugation	Un-conjugated
Alternate Names	ASA; Cerebroside-sulfatase; EC 3.1.6.8; Arylsulfatase A; MLD

Application Instructions

Application table

Application	Dilution
IHC-P	5 µg/ml
WB	0.5 - 1.5 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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 or below. 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.

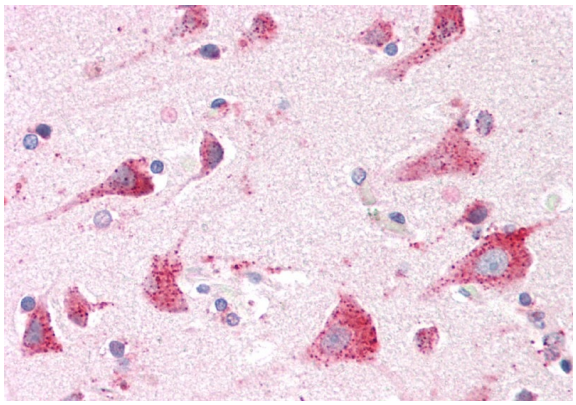
Bioinformation

Database links	GeneID: 11883 Mouse GeneID: 410 Human Swiss-port # P15289 Human Swiss-port # P50428 Mouse
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]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Controls and Markers antibody; Metabolism antibody; Neuroscience antibody
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).

Images

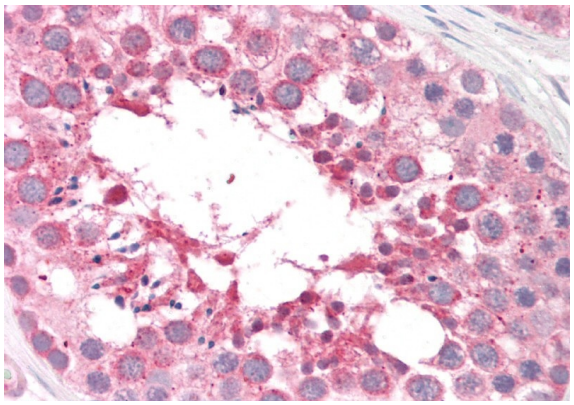
ARG64339 anti-Arylsulfatase A antibody WB image

Western Blot: Mouse Testis lysate (35 µg protein in RIPA buffer) stained with ARG64339 anti-Arylsulfatase A antibody at 0.5 µg/ml dilution.



ARG64339 anti-Arylsulfatase A antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64339 anti-Arylsulfatase A antibody at 5 µg/ml dilution followed by AP-staining.



ARG64339 anti-Arylsulfatase A antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human testis tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64339 anti-Arylsulfatase A antibody at 5 µg/ml dilution followed by AP-staining.