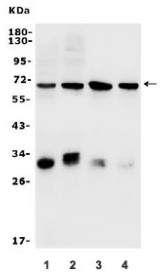
Arylsulfatase B Antibody / Arsb (RQ5794)

Catalog No.	Formulation	Size
RQ5794	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P50429
Applications	Western blot: 0.5-1ug/ml
Limitations	This Arylsulfatase B antibody is available for research use only.



Western blot testing of rat 1) RH35, 2) C6 and mouse 3) HEPA1-6 and 4) Neuro-2a lysate with Arylsulfatase B antibody. Predicted molecular weight ~45 kDa but may be visualized at 60-70 kDa.

Description

Arylsulfatase B encoded by this gene belongs to the sulfatase family. The arylsulfatase B homodimer hydrolyzes sulfate groups of N-Acetyl-D-galactosamine, chondriotin sulfate, and dermatan sulfate. The protein is targeted to the lysozyme. Mucopolysaccharidosis type VI is an autosomal recessive lysosomal storage disorder resulting from a deficiency of arylsulfatase B. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene

Application Notes

Optimal dilution of the Arylsulfatase B antibody should be determined by the researcher.

Immunogen

Amino acids KTLWLFDINQDPEERHD from the mouse protein were used as the immunogen for the Arylsulfatase B antibody.

Storage

After reconstitution, the Arylsulfatase B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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