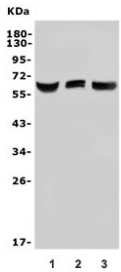
Arylsulfatase L Antibody / ARSL (RQ5795)

Catalog No.	Formulation	Size
RQ5795	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Monkey
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	P51690
Applications	Western blot: 0.5-1ug/ml
Limitations	This Arylsulfatase L antibody is available for research use only.



Western blot testing of 1) human HEK293, 2) monkey COS-7 and 3) human HK-2 lysate with Arylsulfatase L antibody. Predicted molecular weight ~66 kDa.

Description

Arylsulfatase L is an enzyme that, in humans, is encoded by the ARSL gene. It is a member of the sulfatase family. It is glycosylated postranslationally and localized to the golgi apparatus. Sulfatases are essential for the correct composition of bone and cartilage matrix. X-linked chondrodysplasia punctata, a disease characterized by abnormalities in cartilage and bone development, has been linked to mutations in this gene. Alternative splicing results in multiple transcript variants. A pseudogene related to this gene is located on the Y chromosome.

Application Notes

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

Immunogen

Amino acids FYQVMERVQQAVWEHQR from the human protein were used as the immunogen for the Arylsulfatase L antibody.

Storage

After reconstitution, the Arylsulfatase L 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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