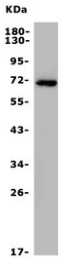
Arse Antibody / Arylsulfatase E (RQ5796)

Catalog No.	Formulation	Size
RQ5796	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	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	Q32KK0
Applications	Western blot: 0.5-1ug/ml
Limitations	This Arse antibody is available for research use only.



Western blot testing of rat RH35 lysate with Arse antibody. Predicted molecular weight ~66 kDa.

Description

Arylsulfatase E, also known as ARSE, is an enzyme that, in humans, is encoded by the ARSE gene. Arylsulfatase E 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 Arse antibody should be determined by the researcher.

Immunogen

Amino acids EVLLHYCEVFLHAVRWVQRD from the rat protein were used as the immunogen for the Arse antibody.

Storage

After reconstitution, the Arse 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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