

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Arylsulfatase B/ARSB in Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Arylsulfatase B/ARSB Ser37-Met533 (Val376Met) Accession # P15848
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

ARSB, also known as N-acetylgalactosamine-4-sulfatase, is a lysosomal glycoprotein and one of at least nine human arylsulfatases that catalyze the hydrolysis of sulfate ester bonds. ARSB deficiency is causative of the lysosomal storage disease Mucopolysaccharidosis VI. Human ARSB is cleaved intracellularly into fragments which remain associated with a disulfide linkage. Mature human ARSB (aa 37-533) shares 80% amino acid sequence identity with mouse and rat ARSB.

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