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Datasheet for ABIN1400844

anti-Arylsulfatase H antibody (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	Arylsulfatase H (ARSH)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Arylsulfatase H antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARSH
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Arylsulfatase H (ARSH)
Alternative Name:	ARSH (ARSH Products)
Background:	<p>Synonyms: Arylsulfatase H, ASH, ARSH_HUMAN.</p> <p>Background: Sulfatases hydrolyze sulfate esters from sulfated steroids, carbohydrates, proteoglycans and glycolipids. They are involved in hormone biosynthesis, modulation of cell signaling and degradation of macromolecules. Arylsulfatase H, also known as ARSH, is a 562</p>

Target Details

amino acid protein that belongs to the sulfatase family of bone and cartilage matrix proteins. Localized to the plasma membrane, Arylsulfatase H uses calcium as a cofactor to hydrolyze sulfate esters. The gene encoding Arylsulfatase D maps to human chromosome X, which contains nearly 153 million base pairs and houses over 1,000 genes. In conjunction with chromosome Y, chromosome X is responsible for sex determination. There are a number of conditions related to an abnormal number and combination of sex chromosomes, some of which include Turner's syndrome, color blindness, hemophilia and Duchenne muscular dystrophy.

Gene ID: 347527

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months