Datasheet for ABIN2807431

anti-Utrophin antibody (Alexa Fluor 594)

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Overview

Quantity:	100 µL
Target:	Utrophin (UTRN)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Utrophin antibody is conjugated to Alexa Fluor 594
Application:	Flow Cytometry (FACS)

Product Details

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

Target Details

Target:	Utrophin (UTRN)
Alternative Name:	Utrophin (UTRN Products)
Background:	Synonyms: DMDL, DRP 1, DRP, DRP-1, DRP1, Dystrophin like protein, Dystrophin related protein 1, Dystrophin related protein, Dystrophin-related protein 1, FLJ23678, UTRN, UTRO_HUMAN, Utrophin homologous to dystrophin, Utrophin Background: Dystrophin and utrophin are related structural, Actin-binding proteins that are

Target Details

	involved in anchoring the cytoskeleton to the plasma membrane. Dystrophin is the protein product of the Duchenne/Becker muscular dystrophy gene. Dystrophin expression is found in muscle and brain tissues, where it is localized to the inner surface of the plasma membrane. It has been speculated that alternative splicing of the carboxy terminus allows dystrophin to interact with a variety of proteins. Research has shown that the loss of dystrophin-associated proteins in Duchenne afflicted muscle is due to the absence of dystrophin rather than to muscle degradation and that the lack of dystrophin results in the loss of linkage between the cytoskeleton and the extracellular matrix. Evidence suggests that the upregulation of utrophin can reduce the dystrophic pathology.
Gene ID:	7402
Pathways:	Skeletal Muscle Fiber Development

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:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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

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