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Datasheet for ABIN7259154 anti-STAR antibody

3 Images



Overview

Quantity:	200 µL
Target:	STAR
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAR antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein of human STAR
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	STAR	
Alternative Name:	STAR (STAR Products)	
Background:	The protein encoded by this gene plays a key role in the acute regulation of steroid hormone synthesis by enhancing the conversion of cholesterol into pregnenolone. This protein permit the cleavage of cholesterol into pregnenolone by mediating the transport of cholesterol from	S
	synthesis by enhancing the conversion of cholesterol into pregnenolone. This protein per the cleavage of cholesterol into pregnenolone by mediating the transport of cholesterol the outer mitochondrial membrane to the inner mitochondrial membrane. Mutations in	ermits from this

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gene are a cause of congenital lipoid adrenal hyperplasia (CLAH), also called lipoid CAH. A pseudogene of this gene is located on chromosome 13.
6770
P49675
Metabolism of Steroid Hormones and Vitamin D, Response to Growth Hormone Stimulus, C21- Steroid Hormone Metabolic Process, Cellular Response to Molecule of Bacterial Origin, Carbohydrate Homeostasis

Application Details

Target Details

Application Notes:	IF 1:50-1:100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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. Avoid freeze / thaw cycles.







Immunofluorescence

Image 1. Confocal immunofluorescence analysis of Mouse adrenal gland using STAR Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence

Image 2. Immunofluorescence analysis of L929 cells using STAR Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Immunofluorescence

Image 3. Immunofluorescence analysis of U-2 OS cells using STAR Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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