

Datasheet for ABIN7255277

anti-STAR antibody**1** Image[Go to Product page](#)

Overview

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

Product Details

Immunogen:	Recombinant fusion protein of human STAR (NP_000340.2).
Isotype:	IgG
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 permits the cleavage of cholesterol into pregnenolone by mediating the transport of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane. Mutations in this

Target Details

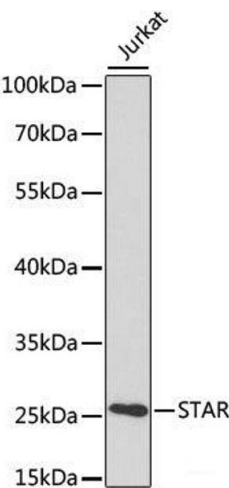
	gene are a cause of congenital lipoid adrenal hyperplasia (CLAH), also called lipoid CAH. A pseudogene of this gene is located on chromosome 13.
Molecular Weight:	Observed_MW: 28 kDa Calculated_MW: 31 kDa
Gene ID:	6770
UniProt:	P49675
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Response to Growth Hormone Stimulus , C21-Steroid Hormone Metabolic Process , Cellular Response to Molecule of Bacterial Origin , Carbohydrate Homeostasis

Application Details

Application Notes:	WB 1:500-1:2000
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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using STAR Polyclonal Antibody at dilution of 1:1000.