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anti-STAR antibody (AA 1-285)





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Overview

Quantity:	100 μL
Target:	STAR
Binding Specificity:	AA 1-285
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Steroidogenic Acute Regulatory Protein (STAR)
Immunogen:	Recombinant Steroidogenic Acute Regulatory Protein (STAR) corresdonding to Met1~Cys285 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against STAR. It has been selected for its ability to recognize STAR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	STAR
Alternative Name:	Steroidogenic Acute Regulatory Protein (STAR Products)
Background:	STARD1, START domain-containing protein 1
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:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

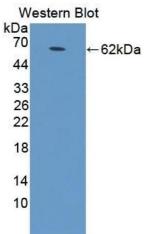
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



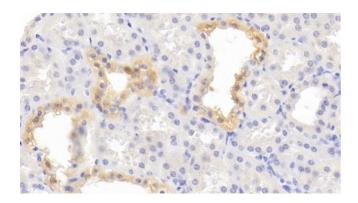
Western Blotting

Image 1. Detection of STAR in Rat Adrenal gland lysate using Polyclonal Antibody to Steroidogenic Acute Regulatory Protein (STAR)



Western Blotting

Image 2. Detection of Recombinant STAR, Human using Polyclonal Antibody to Steroidogenic Acute Regulatory Protein (STAR)



Immunohistochemistry

Image 3. Detection of STAR in Human Kidney Tissue using Polyclonal Antibody to Steroidogenic Acute Regulatory Protein (STAR)

Please check the product details page for more images. Overall 4 images are available for ABIN7441349.