

Datasheet for ABIN6982741
anti-STAR antibody (AA 181-285) (Biotin)



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Overview

Quantity:	100 µL
Target:	STAR
Binding Specificity:	AA 181-285
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAR antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

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

Target Details

Target:	STAR
Alternative Name:	StAR (STAR Products)

Target Details

Background:	<p>Synonyms: StARD1, Cholesterol trafficker, Luteinizing hormone induced protein, Mitochondrial steroid acute regulatory protein, StAR related lipid transfer (START) domain containing 1, StARD1, START domain containing protein 1, Steroidogenic Acute Regulatory Protein, Steroidogenic acute regulatory protein mitochondrial, STAR_HUMAN.</p> <p>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 gene are a cause of congenital lipoid adrenal hyperplasia (CLAH), also called lipoid CAH. A pseudogene of this gene is located on chromosome 13. [provided by RefSeq, Jul 2008].</p>
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 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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

Handling

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months