

DATASHEET

StAR Rabbit Monoclonal Antibody(ARB551)

CAT. NO. ARB6843

KEY FEATURES

Target	StAR	Clonality	Monoclonal
Clone ID	ARB551	Applications	IHC
Source / Host	Rabbit	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

BACKGROUND

STAR is a 32KD protein, which plays a key role in steroid hormone synthesis by enhancing the metabolism of cholesterol into pregnenolone. STAR mediates the transfer of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane where it is cleaved to pregnenolone. STAR is mainly expressed in adrenal cortex and its source tumors. In addition, STAR is also expressed in testicular stromal cells, follicular membrane cells and luteal cells of the ovary. Deficiency disease with STAR can lead to type 1 adrenal hyperplasia (AH1). It can diagnose type 1 adrenal hyperplasia (AH1) disease.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:200
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

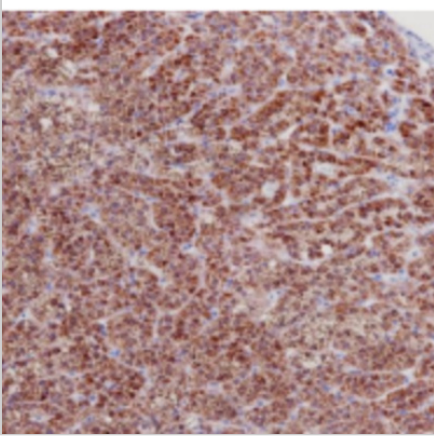
Predicted Molecular Wt	32kDa
Purity	ProA affinity purified IgG
Subcellular location	Cytoplasm
Swissprot ID	P49675
Immunogen	Synthetic peptide.
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%
Recommended Method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Immunohistochemical staining of human adrenal cortical adenoma tissue using StAR Rabbit Monoclonal Antibody (ARB551)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com