Datasheet for ABIN7477589

Recombinant anti-STAR antibody

3 Images

Go to Product page

Overview

Quantity:	1 mL
Target:	STAR
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This STAR antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant human STAR fragment
Clone:	MSVA-740R
Isotype:	IgG

Target Details

Target:	STAR
Alternative Name:	StAR (STAR Products)
Background:	STARD1,Steroidogenic acute regulatory (StAR) antibody validated for immunohistochemistry on 76 different Normal Tissues
UniProt:	P49675

Target Details

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

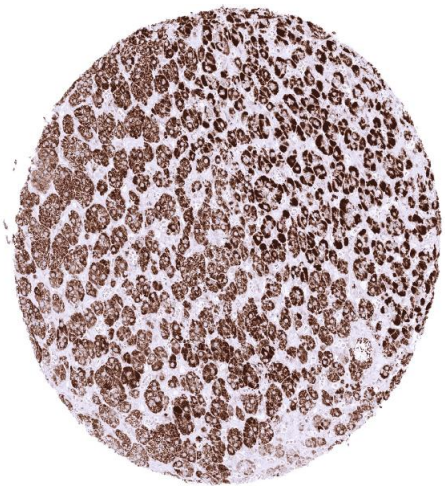
Application Details

Application Notes:	IHC 1:100-1:200
Comment:	Positive Control: Adrenal gland: A moderate to strong cytoplasmic StAR staining should be seen in the vast majority of adrenocortical cells. Negative Control: Colon: All cells must not show any StAR staining.
Protocol:	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.
Restrictions:	For Research Use only

Handling

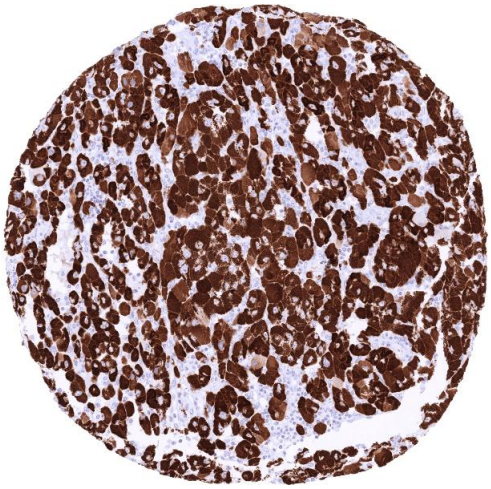
Format:	Liquid
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.

Images



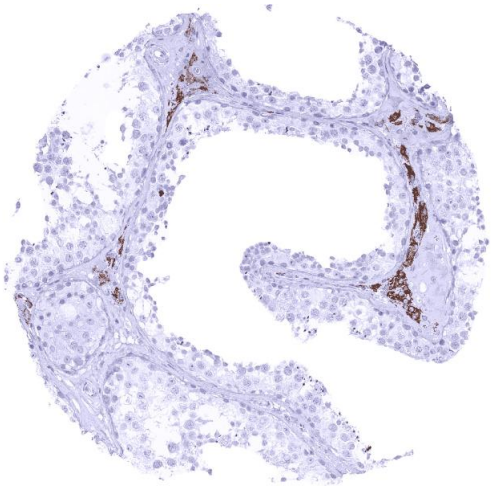
Immunohistochemistry

Image 1. Strong StAR staining of normal adrenocortical cells



Immunohistochemistry

Image 2. Adrenocortical carcinoma showing strong STAR immunostaining of tumor cells



Immunohistochemistry

Image 3. Strong cytoplasmic StAR immunostaining of Leydig cells

