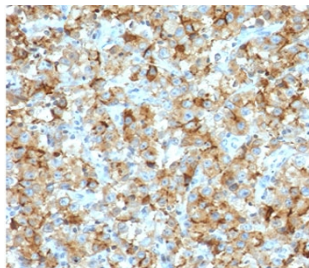


StAR Antibody / Steroidogenic acute regulatory protein [clone SARP1-1] (V3886)

Catalog No.	Formulation	Size
V3886-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3886-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3886SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	SARP1-1
Purity	Protein G affinity chromatography
UniProt	P49675
Localization	Cytoplasmic (mitochondrial)
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This StAR antibody is available for research use only.



IHC staining of FFPE human testicular carcinoma with StAR antibody (clone SARP1-1). Required HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

Description

Plays a key role in steroid hormone synthesis by enhancing the metabolism of cholesterol into pregnenolone. Mediates the transfer of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane where it is

cleaved to pregnenolone. [UniProt]

Application Notes

Optimal dilution of the StAR antibody should be determined by the researcher.

Immunogen

A portion of amino acids 39-108 from the human protein was used as the immunogen for this StAR antibody.

Storage

Store the StAR antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).