ARG67072
anti-StAR antibody [SQab30347]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab30347] recognizes StAR
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab30347
Isotype	IgG
Target Name	StAR
Species	Human
Immunogen	Recombinant protein fragment of StAR
Conjugation	Un-conjugated
Alternate Names	STAR; Steroidogenic Acute Regulatory Protein; STARD1; StAR Related Lipid Transfer (START) Domain Containing 1; Steroidogenic Acute Regulatory Protein, Mitochondrial; START Domain-Containing Protein 1; Steroidogenic Acute Regulator; Testis Secretory Sperm-Binding Protein Li 241mP; Mitochondrial Steroid Acute Regulatory Protein; Steroid Acute Regulatory Protein; START Domain Containing 1; Cholesterol Trafficker; StARD1; StAR

Application Instructions

Application table

Application	Dilution
IHC-P	1:100-1:200

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

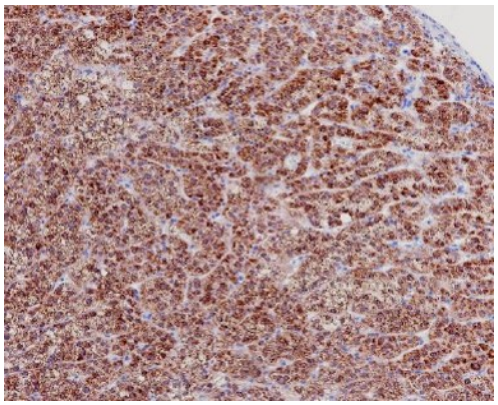
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	STAR
Gene Full Name	steroidogenic acute regulatory protein
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]
Function	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]
Calculated Mw	32 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Mitochondrion. [UniProt]

Images



ARG67072 anti-StAR antibody [SQab30347] IHC-P image

Immunohistochemistry: Human adrenocortical adenoma tissue stained with ARG67072 anti-StAR antibody [SQab30347] at 1:100 dilution.