

StAR Antibody
Rabbit mAb
Catalog # AP91511

Specification

StAR Antibody - Product Information

Application	WB, IHC
Primary Accession	P49675
Clonality	Monoclonal
Other Names	
StAR; StARD1; START domain containing 1; Steroid acute regulatory protein;	

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	31914 Da

StAR Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human StAR
Description	Steroidogenic acute regulatory protein (StAR) plays a significant role in cholesterol transport from the cytoplasmic outer membrane to the inner mitochondrial membrane.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

StAR Antibody - Protein Information

Name STAR

Synonyms STARD1

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.

Cellular Location

Mitochondrion {ECO:0000250|UniProtKB:P51557}.

Tissue Location

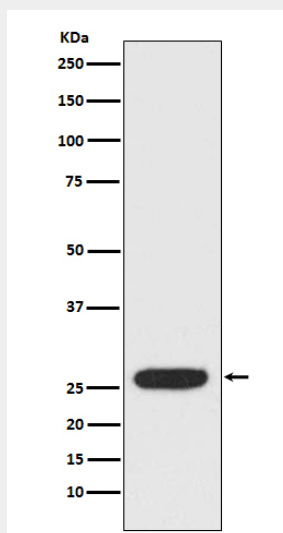
Expressed in gonads, adrenal cortex and kidney.

StAR Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

StAR Antibody - Images



Western blot analysis of StAR expression in SK-BR-3 cell lysate.