

# Anti-StAR Rabbit Monoclonal Antibody

Catalog # ABO15218

## Product Information

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|--------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC                                                                                                 |
| <b>Primary Accession</b> | <a href="#">P49675</a>                                                                                  |
| <b>Host</b>              | Rabbit                                                                                                  |
| <b>Isotype</b>           | IgG                                                                                                     |
| <b>Reactivity</b>        | Human                                                                                                   |
| <b>Clonality</b>         | Monoclonal                                                                                              |
| <b>Format</b>            | Liquid                                                                                                  |
| <b>Description</b>       | Anti-StAR Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human. |

## Additional Information

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 6770                                                                                                                                       |
| <b>Other Names</b>         | Steroidogenic acute regulatory protein, mitochondrial, StAR, START domain-containing protein 1, StARD1, STAR, STARD1                       |
| <b>Calculated MW</b>       | 31914                                                                                                                                      |
| <b>Application Details</b> | WB 1:1000-1:5000<br>IHC 1:50-1:200                                                                                                         |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 17S94                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human StAR                                                                                              |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

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|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>     | STAR ( <a href="#">HGNC:11359</a> )                                                                                                                   |
| <b>Synonyms</b> | STARD1                                                                                                                                                |
| <b>Function</b> | 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**

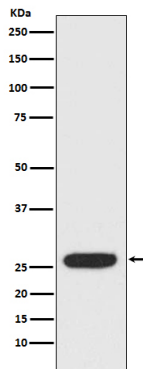
Mitochondrion outer membrane. Mitochondrion matrix. Note=Works only on the mitochondrion outer membrane, rather than in the matrix to which it is targeted

**Tissue Location**

Expressed in gonads, adrenal cortex and kidney.

## Images

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.