

## Rabbit anti-Human STAR Polyclonal Antibody | anti-STAR antibody

STAR Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA308825</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

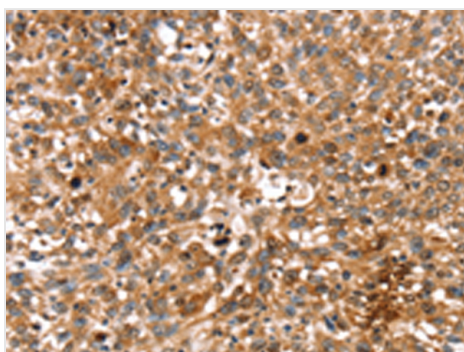
### PRODUCT SYNONYMS

STAR; Polyclonal Antibody; STAR Antibody; STARD1; anti-STAR antibody

### PRODUCT SPECIFICATIONS

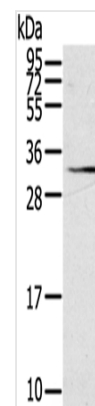
|                                                |                                                                 |
|------------------------------------------------|-----------------------------------------------------------------|
| Host                                           | Rabbit                                                          |
| Reactivity                                     | Human                                                           |
| Clonality                                      | Polyclonal                                                      |
| Specificity                                    | The antibody detects endogenous levels of total STAR protein.   |
| Purity/Purification                            | Antigen Affinity Purification                                   |
| Form/Format                                    | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol. |
| Concentration                                  | 2 mg/ml (varies by lot)                                         |
| Sequence Length                                | 285                                                             |
| Applicable Applications for anti-STAR antibody | IHC (Immunohistochemistry), WB (Western Blot)                   |
| Immunogen                                      | Fusion protein of human STAR                                    |
| Immunogen Type                                 | Protein                                                         |
| Preparation and Storage                        | Store at -20 degree C                                           |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/35,



#### WB (Western Blot)

Gel: 12%SDS-PAGE Lysate: 40 &amp;#956; g Lane: 231 cells Primary antibody: 1/500 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 5 seconds

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-STAR antibody | 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. |
| Product Categories/Family for anti-STAR antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 56243551                                              |
| NCBI GeneID                      | 6770                                                  |
| NCBI Accession #                 | NP_000340.2                                           |
| NCBI GenBank Nucleotide #        | NM_000349.2                                           |
| UniProt Accession #              | P49675; Q16396                                        |
| Molecular Weight                 | 31,914 Da                                             |
| NCBI Official Full Name          | steroidogenic acute regulatory protein, mitochondrial |
| NCBI Official Synonym Full Names | steroidogenic acute regulatory protein                |
| NCBI Official Symbol             | STAR                                                  |
| NCBI Official Synonym Symbols    | STARD1                                                |
| NCBI Protein Information         | steroidogenic acute regulatory protein, mitochondrial |
| UniProt Protein Name             | Steroidogenic acute regulatory protein, mitochondrial |
| UniProt Gene Name                | STAR                                                  |
| UniProt Synonym Gene Names       | STARD1; StAR; StARD1                                  |
| UniProt Entry Name               | STAR_HUMAN                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/star-antibody-immunohistochemistry-western-blot-elisa/308825>