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# Immunotag™ STAR Antibody

## Antibody Specification

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| Catalog No. | ITA6275 |
| Product Description | Immunotag™ STAR Antibody |
| Size | 100 µg, 200 µg |
| Conjugation | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647 |
| IMPORTANT NOTE | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein | STAR |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,IHC,ELISA |
| Recommended Dilution | WB 1:500-1:2000 IHC 1:50-1:200 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse,Rat |
| Host Species | Rabbit |
| Immunogen | A synthesized peptide derived from human STAR |
| Specificity | STAR Antibody detects endogenous levels of total STAR |
| Purification | The antiserum was purified by peptide affinity chromatography. |
| Form | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt |
| Gene Name | STAR |
| Accession No. | P49675 |
| Alternate Names | Cholesterol trafficker; Luteinizing hormone induced protein; mitochondrial; Mitochondrial steroid acute regulatory protein; StAR; StAR related lipid transfer (START) domain containing 1; STAR_HUMAN; StARD1; START domain containing 1; START domain containing protein 1; START domain-containing protein 1; Steroid acute regulatory protein; Steroidogenic acute regulator; Steroidogenic acute regulatory protein; Steroidogenic acute regulatory protein mitochondrial; |

## Antibody Specification

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| 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. |
| Cell Pathway/ Category | Primary Polyclonal Antibody |
| Protein MW | 32kDa |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |