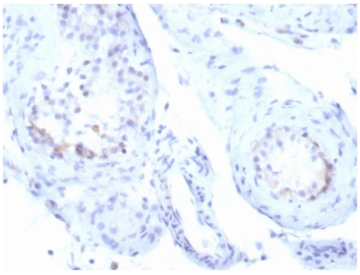
# Recombinant StAR Antibody / Steroidogenic acute regulatory protein [clone STAR/3915R] (V8972)

| Catalog No. | Formulation | Size |
|---|---|---|
| V8972-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V8972-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V8972SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

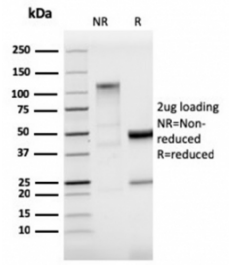
Recombinant RABBIT MONOCLONAL

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG, kappa |
| **Clone Name** | STAR/3915R |
| **Purity** | Protein A/G affinity |
| **UniProt** | P49675 |
| **Localization** | Cytoplasm |
| **Applications** | Immunohistochemistry (FFPE) : 1-2ug/ml |
| **Limitations** | This recombinant StAR antibody is available for research use only. |



IHC staining of FFPE human testicular carcinoma tissue with recombinant StAR antibody (clone STAR/3915R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.




SDS-PAGE analysis of purified, BSA-free recombinant StAR antibody (STAR/3915R) as confirmation of integrity and purity.

## Description

Steroidogenic Acute Regulatory Protein (STAR) controls the rate-limiting step of steroidegenesis by translocating cholesterol from the outer mitochondrial membrane to the inner membrane where it is later cleaved to pregnenolone.It is primarily present in steroid-producing cells, including Leydig cells in the testis, theca cells and luteal cells in the ovary and adrenal cells in the adrenal cortex. Due to low levels of pregnenolone, seminomas and Leydig cell tumors display no specific STAR staining. Therefore, STAR antibody may assist in differentiating sex cord stromal tumors (SCST), seminomas and embryonal carcinomas.

## Application Notes

Optimal dilution of the recombinant StAR antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 39-108 was used as the immunogen for the recombinant StAR antibody.

## Storage

Aliquot the recombinant StAR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.