

For Research Use Only

# CoraLite®594-conjugated STAR Polyclonal antibody

Catalog Number:CL594-12225



## Basic Information

### Catalog Number:

CL594-12225

### Size:

100ul , Concentration: 1000 ug/ml by 6770  
Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2862

### GenBank Accession Number:

BC010550

### GeneID (NCBI):

6770

### UNIPROT ID:

P49675

### Full Name:

steroidogenic acute regulatory  
protein

### Calculated MW:

285 aa, 32 kDa

### Observed MW:

32 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IF-P 1:150-1:600

### Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

### Tested Applications:

IF-P

### Species Specificity:

human, mouse, rat, pig

### Positive Controls:

IF-P: mouse testis tissue,

## Background Information

Steroidogenic acute regulatory protein (StAR) is a key player in acute regulation of hormone-induced steroidogenesis, by facilitating cholesterol transport from cellular stores to inner mitochondria membrane where the cholesterol was converted to pregnenolone. StAR is prevalently expressed in mitochondria of steroid-producing adrenal and gonadal tissue.

## Storage

### Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

### Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

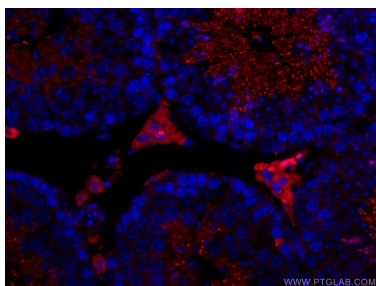
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using CoraLite®594 STAR antibody (CL594-12225) at dilution of 1:300.