For Research Use Only

CoraLite®594-conjugated STAR Polyclonal antibody

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Antibodies | ELISA kits | Proteins
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Catalog Number:CL594-12225

Basic Information

Catalog Number:
CL594-12225

Size:
100ul , Concentration: 1000 µg/ml by 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

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 conversed 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.
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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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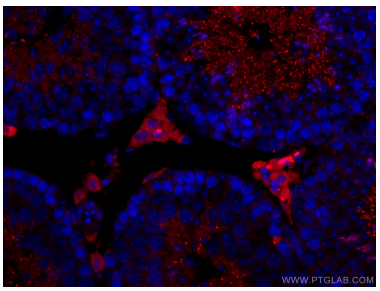
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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